

```

GET
  FILE='C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
CORRELATIONS
  /VARIABLES=Knat w_b W B C SCM fc OPI WS CH CaO Kacc
  /PRINT=TWOTAIL NOSIG
  /STATISTICS DESCRIPTIVES
  /MISSING=PAIRWISE.

```

Correlations

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptive Statistics			
	Mean	Std. Deviation	N
Knat	6.3209	3.73367	180
w_b	.5625	.12966	180
W	203.75	16.391	180
B	375.00	56.058	180
C	262.50	95.166	180
SCM	112.50	88.315	180
fc	35.8872	18.56530	180
OPI	9.633	.4043	180
WS	10.028	3.8857	180
CH	13.4373	2.02095	180
CaO	12.852	3.6851	180
Kacc	3.9405	2.68582	180

Correlations

		Knat	w b	W	B	C	SCM
Knat	Pearson Correlation	1	.591**	.576**	-.584**	-.735**	.421**
	Sig. (2-tailed)		.000	.000	.000	.000	.000
	N	180	180	180	180	180	180
w_b	Pearson Correlation	.591**	1	.983**	-.994**	-.410**	-.189*
	Sig. (2-tailed)	.000		.000	.000	.000	.011
	N	180	180	180	180	180	180
W	Pearson Correlation	.576**	.983**	1	-.992**	-.409**	-.189*
	Sig. (2-tailed)	.000	.000		.000	.000	.011
	N	180	180	180	180	180	180
B	Pearson Correlation	-.584**	-.994**	-.992**	1	.412**	.190*
	Sig. (2-tailed)	.000	.000	.000		.000	.010
	N	180	180	180	180	180	180
C	Pearson Correlation	-.735**	-.410**	-.409**	.412**	1	-.816**
	Sig. (2-tailed)	.000	.000	.000	.000		.000
	N	180	180	180	180	180	180
SCM	Pearson Correlation	.421**	-.189*	-.189*	.190*	-.816**	1
	Sig. (2-tailed)	.000	.011	.011	.010	.000	
	N	180	180	180	180	180	180
fc	Pearson Correlation	-.777**	-.600**	-.606**	.608**	.647**	-.312**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	180	180	180	180	180	180
OPI	Pearson Correlation	-.738**	-.823**	-.800**	.817**	.585**	-.112
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.134
	N	180	180	180	180	180	180
WS	Pearson Correlation	.747**	.759**	.735**	-.751**	-.517**	.080
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.285
	N	180	180	180	180	180	180
CH	Pearson Correlation	-.744**	-.511**	-.513**	.515**	.834**	-.571**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	180	180	180	180	180	180
CaO	Pearson Correlation	-.374**	-.302**	-.306**	.305**	.674**	-.532**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	180	180	180	180	180	180

Correlations

		fc	OPI	WS	CH	CaO	Kacc
Knat	Pearson Correlation	-.777	-.738**	.747**	-.744**	-.374**	.857**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	180	180	180	180	180	180
w_b	Pearson Correlation	-.600**	-.823	.759**	-.511**	-.302**	.734*
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	180	180	180	180	180	180
W	Pearson Correlation	-.606**	-.800**	.735	-.513**	-.306**	.713*
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	180	180	180	180	180	180
B	Pearson Correlation	.608**	.817**	-.751**	.515	.305**	-.725*
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	180	180	180	180	180	180
C	Pearson Correlation	.647**	.585**	-.517**	.834**	.674	-.790**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	180	180	180	180	180	180
SCM	Pearson Correlation	-.312**	-.112*	.080*	-.571*	-.532**	.391
	Sig. (2-tailed)	.000	.134	.285	.000	.000	.000
	N	180	180	180	180	180	180
fc	Pearson Correlation	1**	.742**	-.718**	.723**	.262**	-.761**
	Sig. (2-tailed)		.000	.000	.000	.000	.000
	N	180	180	180	180	180	180
OPI	Pearson Correlation	.742**	1**	-.855**	.660**	.270**	-.871
	Sig. (2-tailed)	.000		.000	.000	.000	.000
	N	180	180	180	180	180	180
WS	Pearson Correlation	-.718**	-.855**	1**	-.572**	-.115**	.858
	Sig. (2-tailed)	.000	.000		.000	.125	.000
	N	180	180	180	180	180	180
CH	Pearson Correlation	.723**	.660**	-.572**	1**	.690**	-.828**
	Sig. (2-tailed)	.000	.000	.000		.000	.000
	N	180	180	180	180	180	180
CaO	Pearson Correlation	.262**	.270**	-.115**	.690**	1**	-.475**
	Sig. (2-tailed)	.000	.000	.125	.000		.000
	N	180	180	180	180	180	180

Correlations

		Knat	w_b	W	B	C	SCM
	Pearson Correlation	.857	.734**	.713**	-.725**	-.790**	.391**
Kacc	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	180	180	180	180	180	180

Correlations

		fc	OPI	WS	CH	CaO	Kacc
	Pearson Correlation	-.761	-.871**	.858**	-.828**	-.475**	1**
Kacc	Sig. (2-tailed)	.000	.000	.000	.000	.000	
	N	180	180	180	180	180	180

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

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

* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=Knat w_b MISSING=LISTWISE

REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

SOURCE: s=userSource(id("graphdataset"))

DATA: Knat=col(source(s), name("Knat"))

DATA: w_b=col(source(s), name("w_b"))

GUIDE: axis(dim(1), label("Knat"))

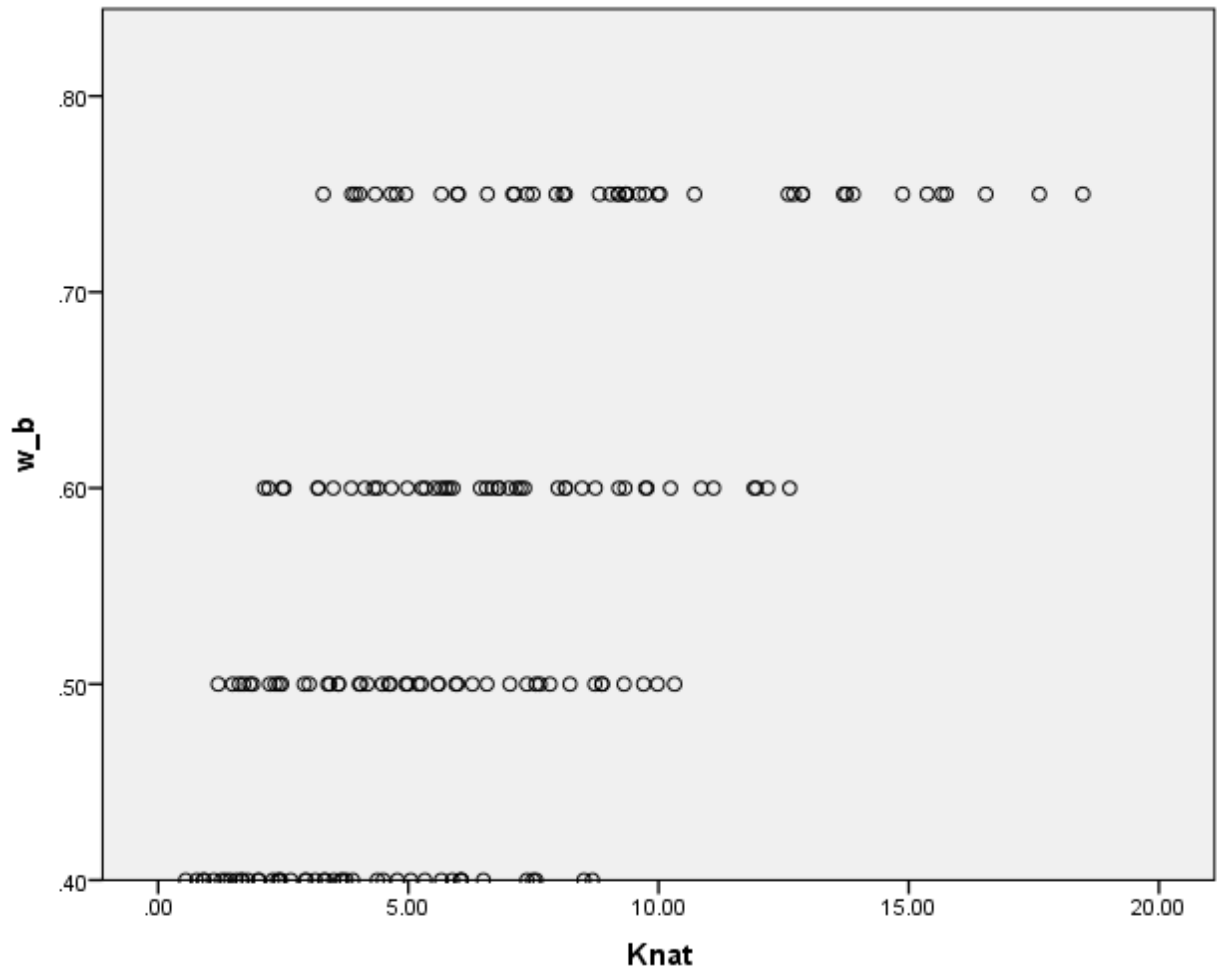
GUIDE: axis(dim(2), label("w_b"))

ELEMENT: point(position(Knat*w_b))

END GPL.

GGraph

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* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=Knat W MISSING=LISTWISE

REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

SOURCE: s=userSource(id("graphdataset"))

DATA: Knat=col(source(s), name("Knat"))

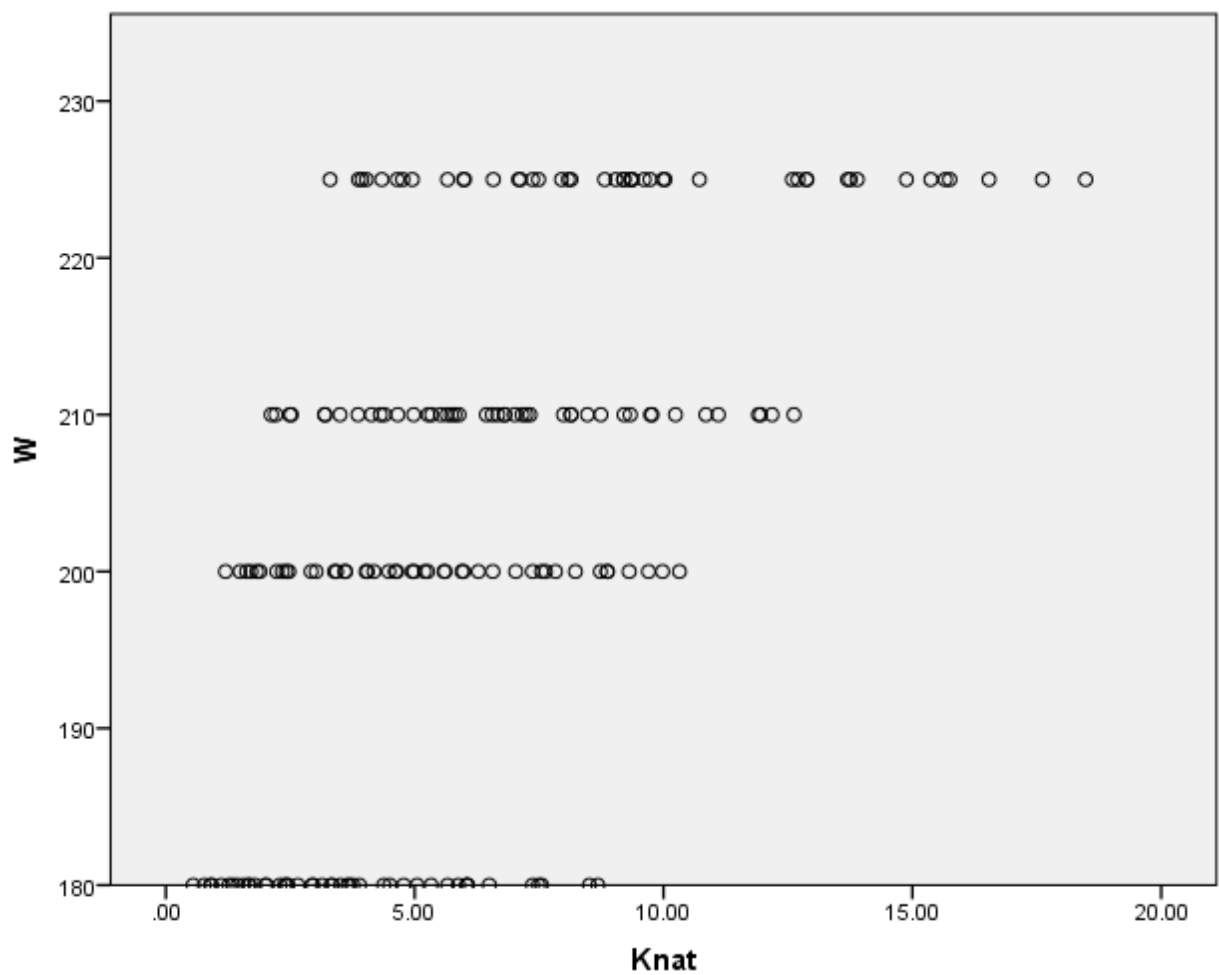
```

DATA: W=col(source(s), name("W"))
GUIDE: axis(dim(1), label("Knat"))
GUIDE: axis(dim(2), label("W"))
ELEMENT: point(position(Knat*W))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

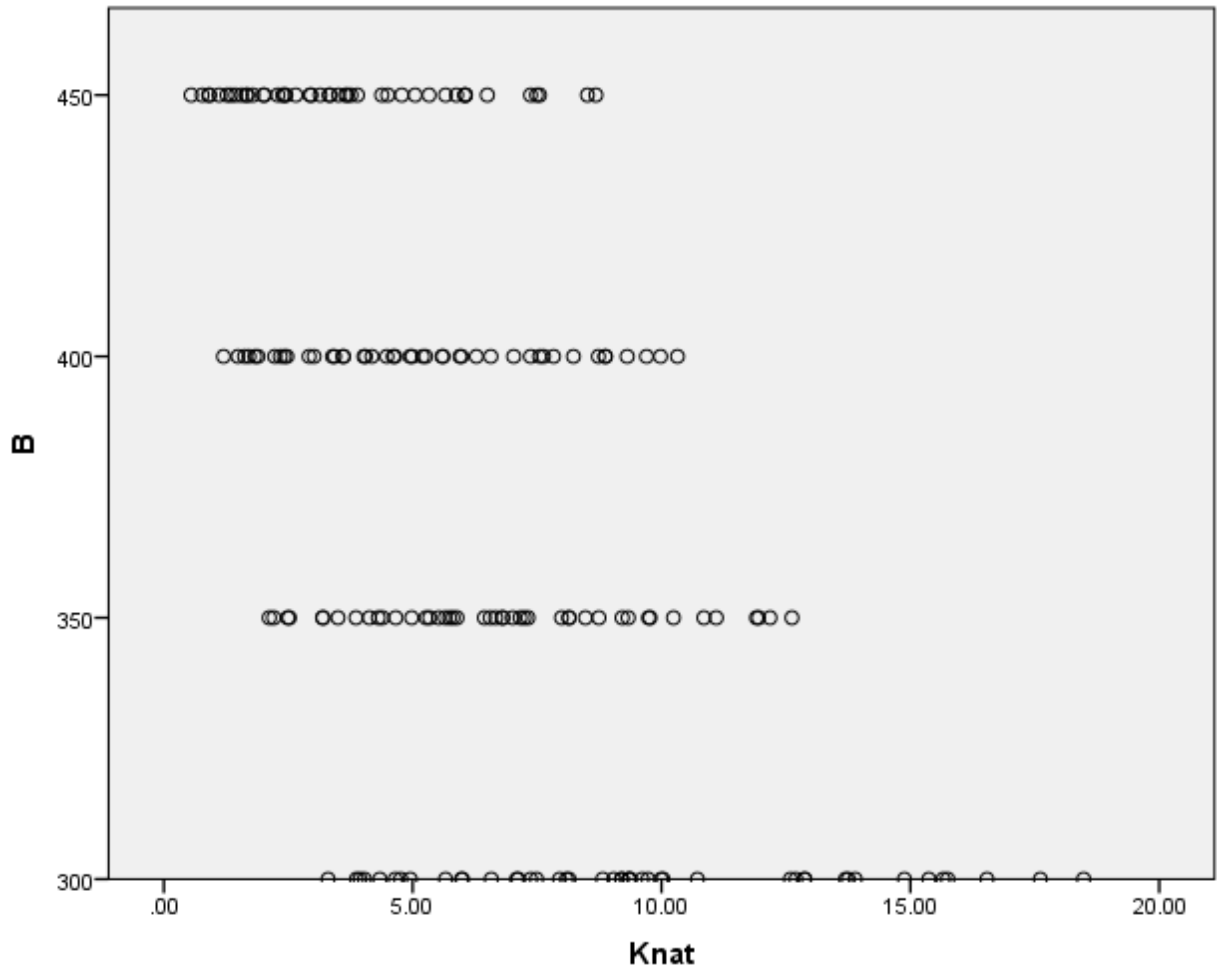


* Chart Builder.

```
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Knat B MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Knat=col(source(s), name("Knat"))
  DATA: B=col(source(s), name("B"))
  GUIDE: axis(dim(1), label("Knat"))
  GUIDE: axis(dim(2), label("B"))
  ELEMENT: point(position(Knat*B))
END GPL.
```

GGraph

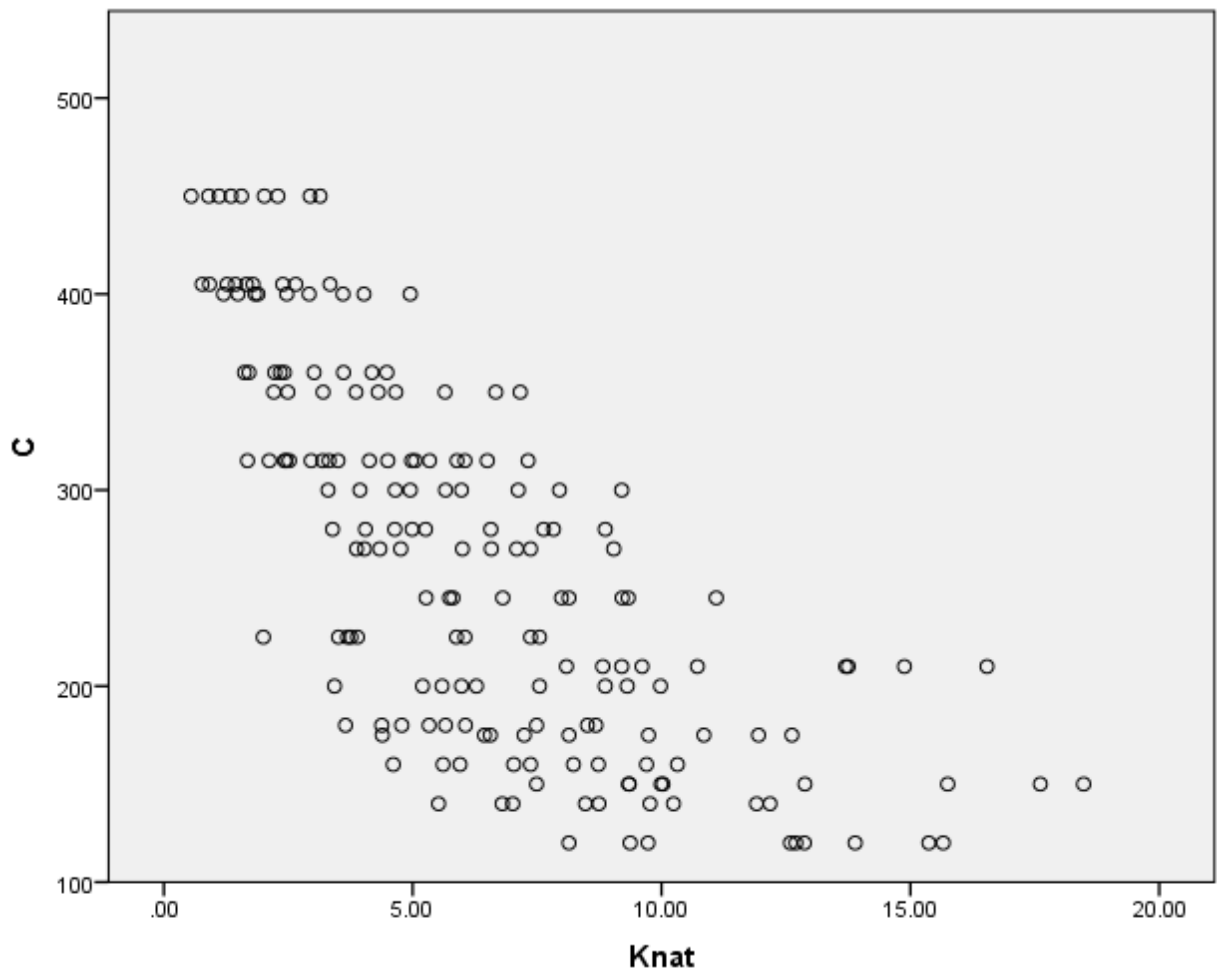
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Knat C MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Knat=col(source(s), name("Knat"))
  DATA: C=col(source(s), name("C"))
  GUIDE: axis(dim(1), label("Knat"))
  GUIDE: axis(dim(2), label("C"))
  ELEMENT: point(position(Knat*C))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=Knat SCM MISSING=LISTWISE
REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

SOURCE: s=userSource(id("graphdataset"))

DATA: Knat=col(source(s), name("Knat"))

DATA: SCM=col(source(s), name("SCM"))

GUIDE: axis(dim(1), label("Knat"))

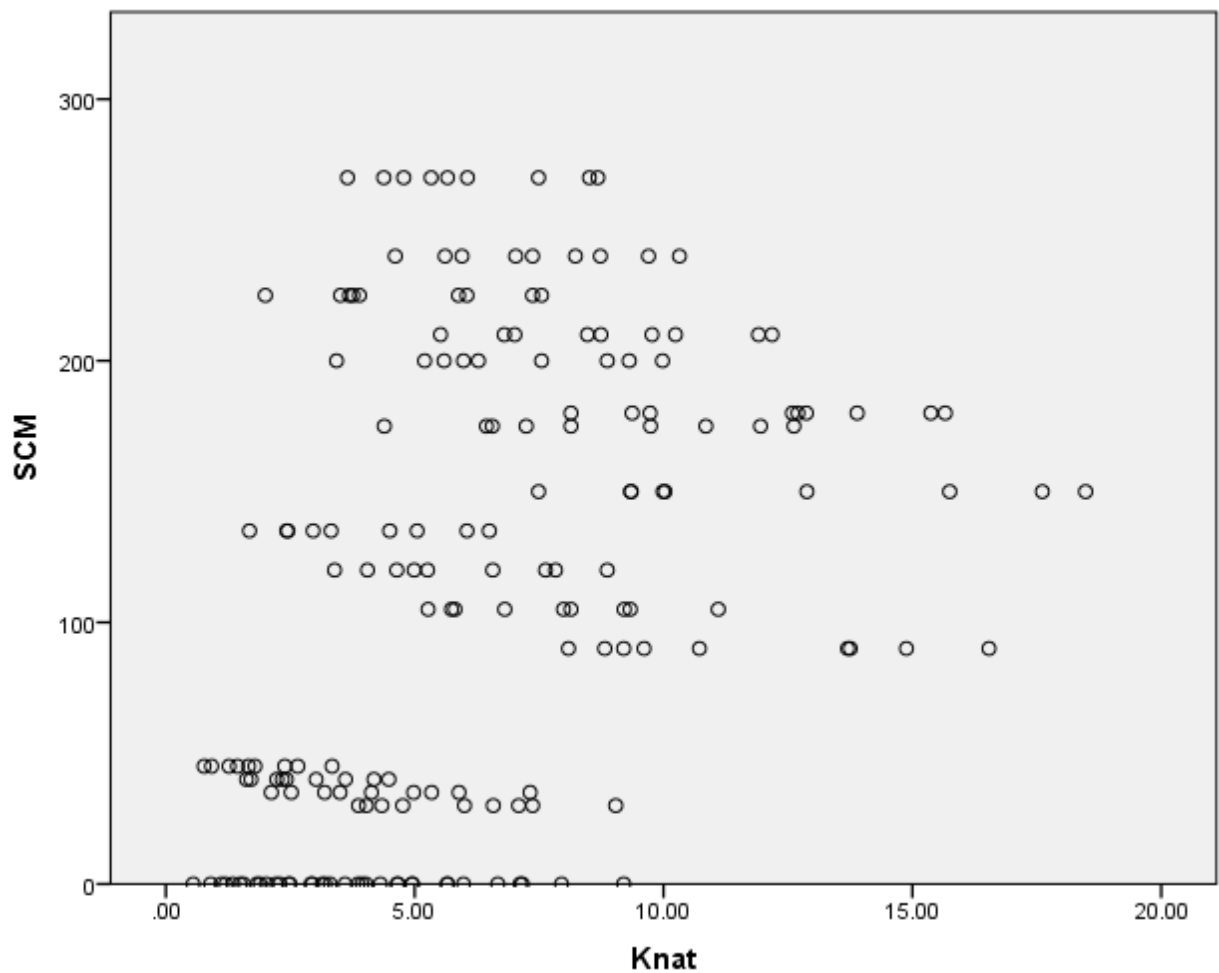
GUIDE: axis(dim(2), label("SCM"))

ELEMENT: point(position(Knat*SCM))

END GPL.

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=Knat fc MISSING=LISTWISE
REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

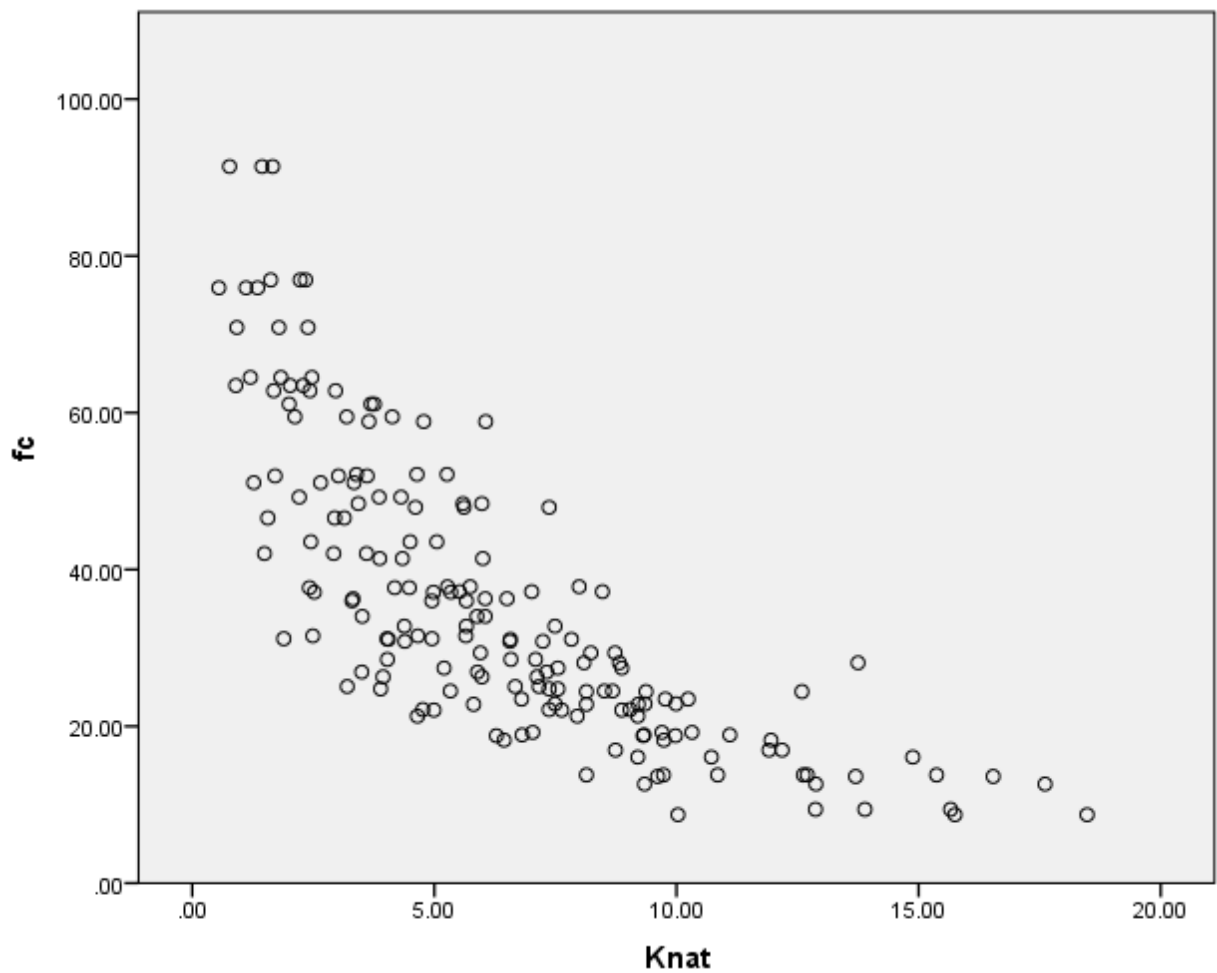
```

SOURCE: s=userSource(id("graphdataset"))
DATA: Knat=col(source(s), name("Knat"))
DATA: fc=col(source(s), name("fc"))
GUIDE: axis(dim(1), label("Knat"))
GUIDE: axis(dim(2), label("fc"))
ELEMENT: point(position(Knat*fc))
END GPL.

```

GGraph

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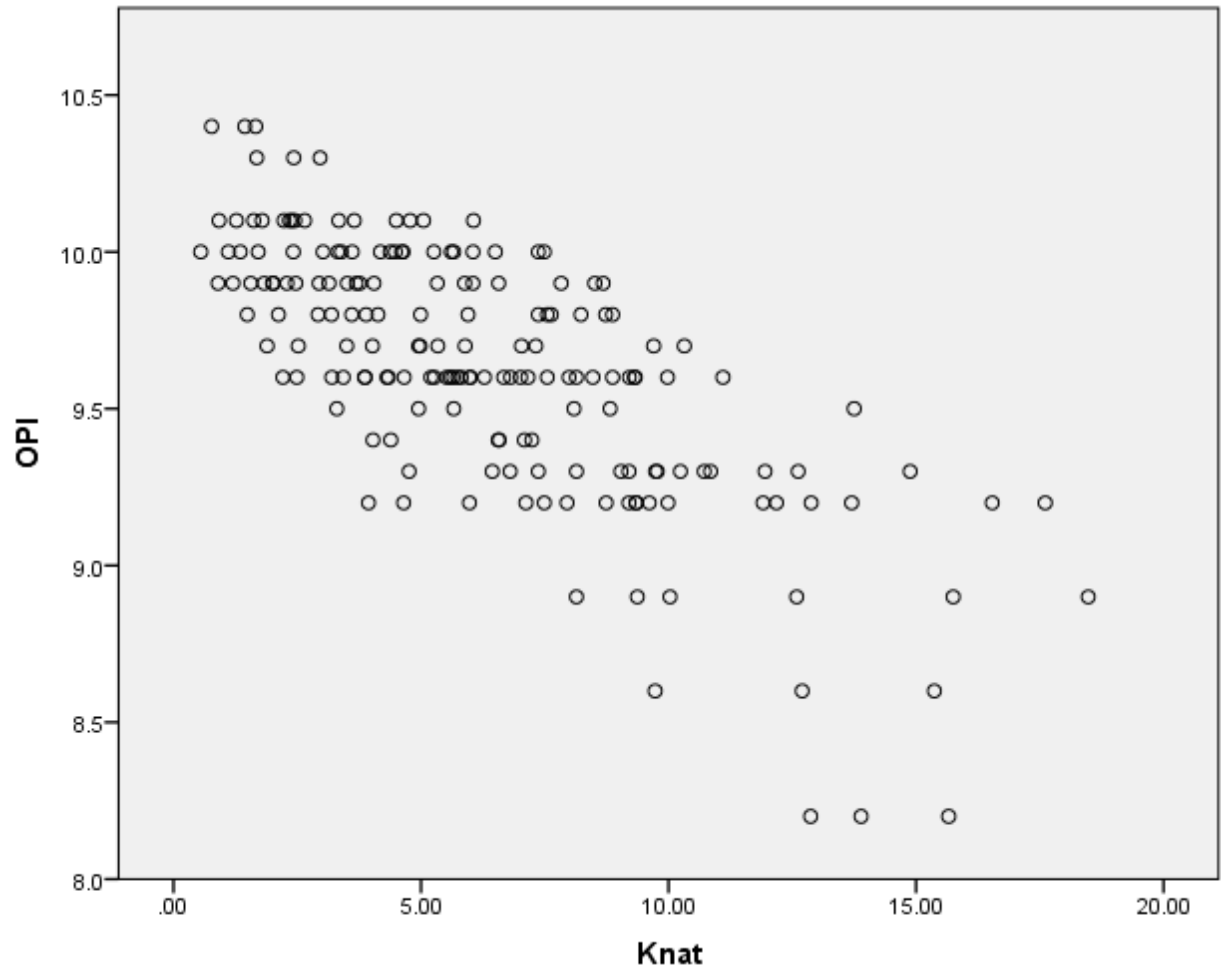
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Knat OPI MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Knat=col(source(s), name("Knat"))
  DATA: OPI=col(source(s), name("OPI"))
  GUIDE: axis(dim(1), label("Knat"))
  GUIDE: axis(dim(2), label("OPI"))
  ELEMENT: point(position(Knat*OPI))
END GPL.

```

GGraph

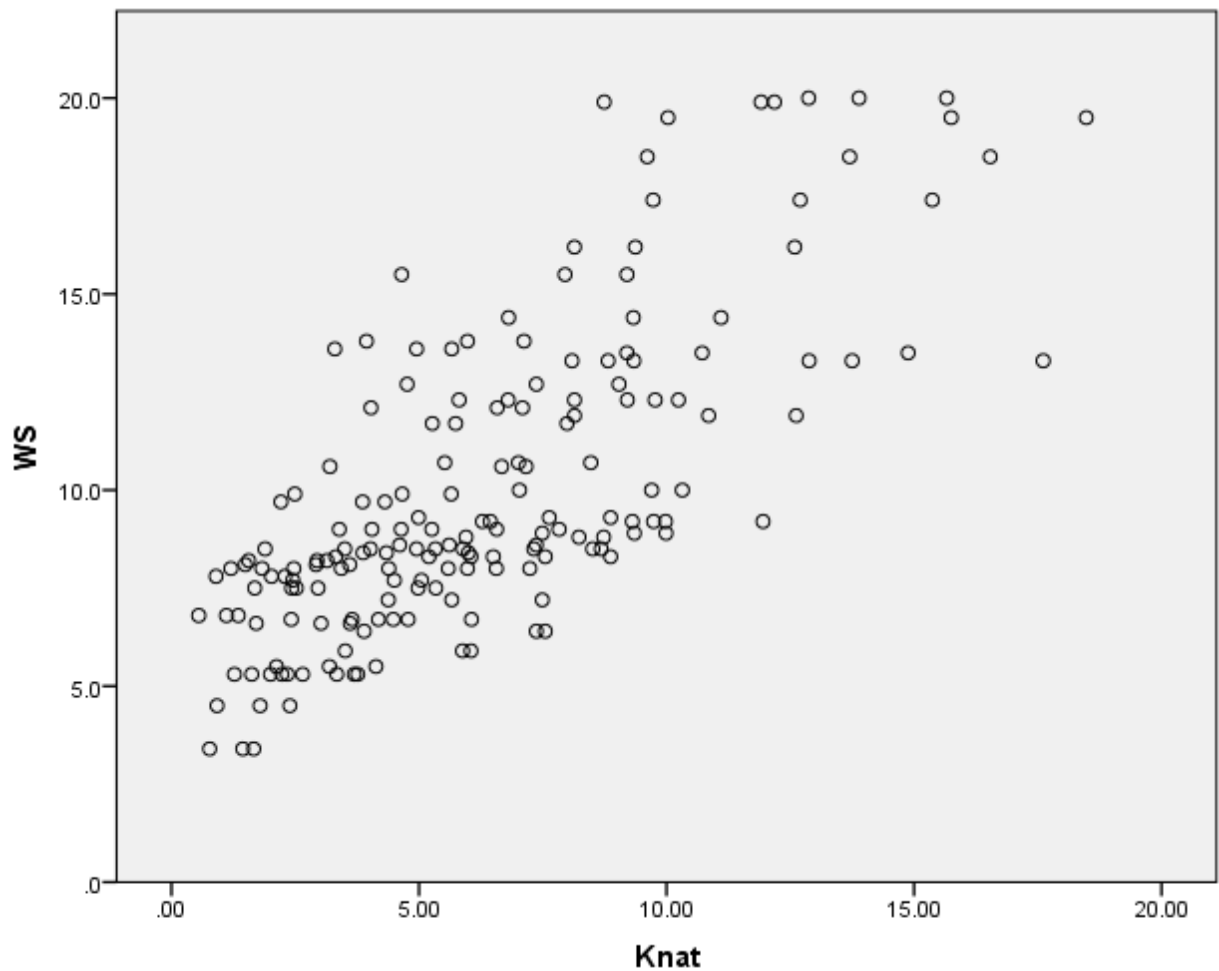
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Knat WS MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Knat=col(source(s), name("Knat"))
  DATA: WS=col(source(s), name("WS"))
  GUIDE: axis(dim(1), label("Knat"))
  GUIDE: axis(dim(2), label("WS"))
  ELEMENT: point(position(Knat*WS))
END GPL.
```

GGraph

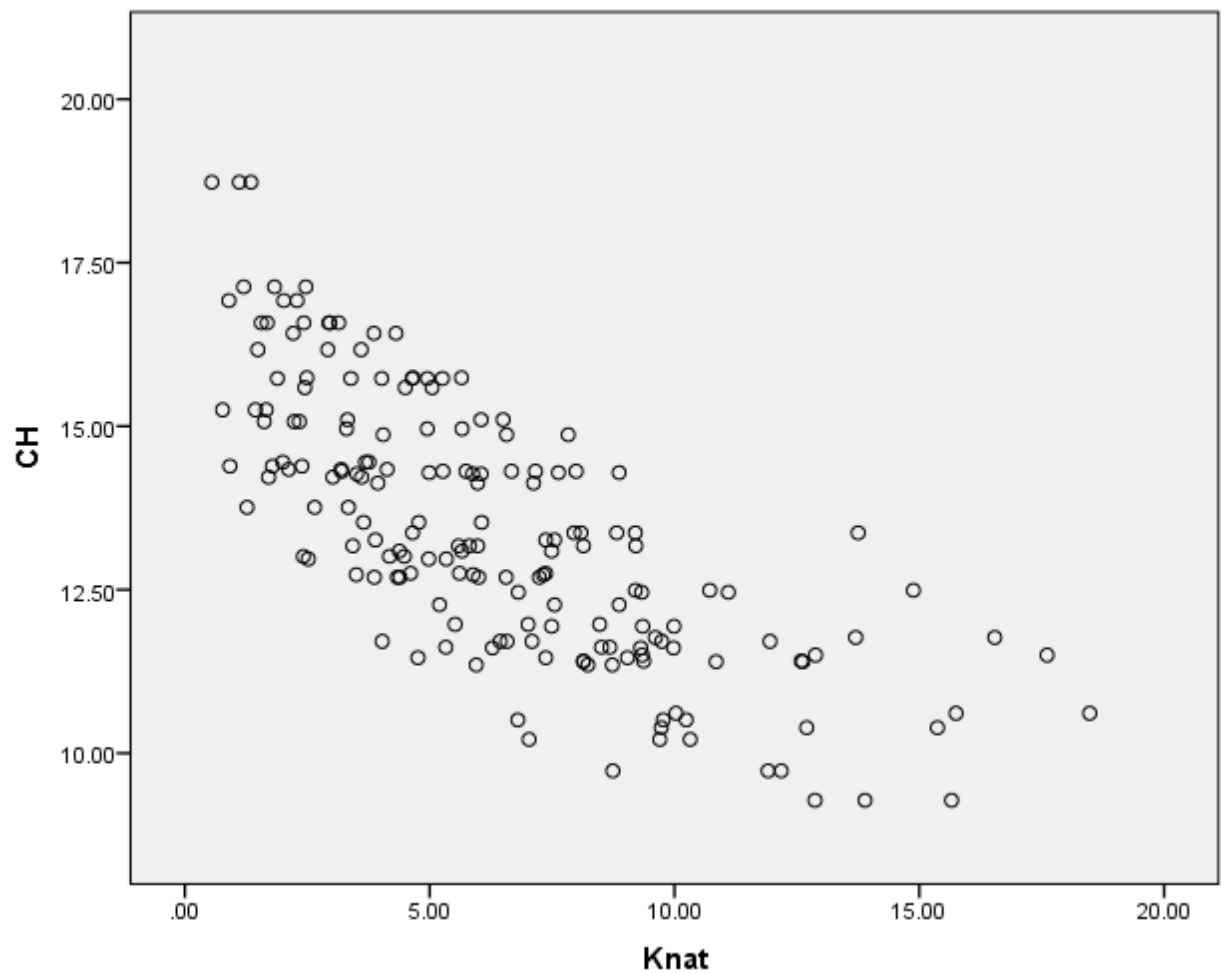
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Knat CH MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Knat=col(source(s), name("Knat"))
  DATA: CH=col(source(s), name("CH"))
  GUIDE: axis(dim(1), label("Knat"))
  GUIDE: axis(dim(2), label("CH"))
  ELEMENT: point(position(Knat*CH))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=Knat CaO MISSING=LISTWISE
REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

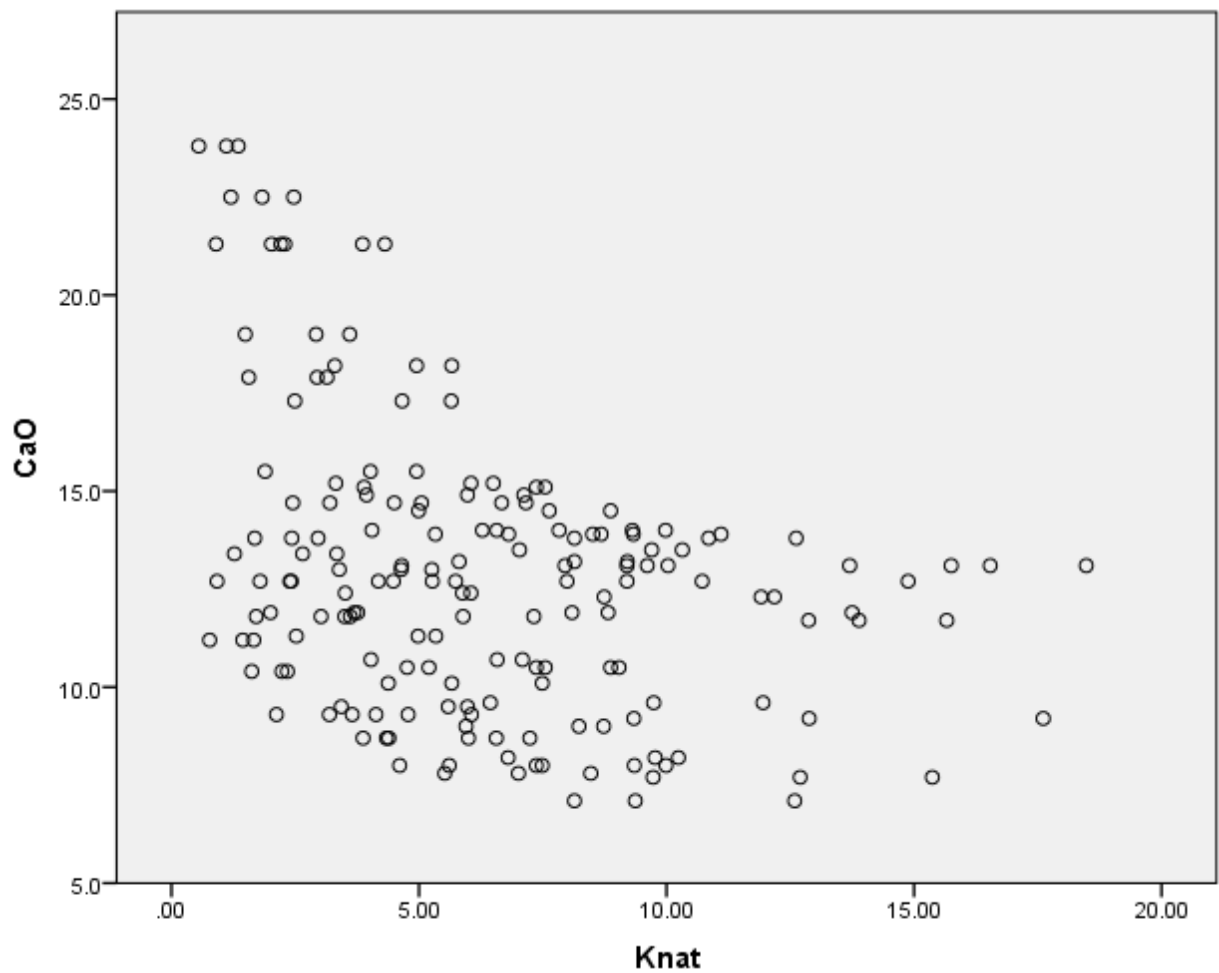
```

SOURCE: s=userSource(id("graphdataset"))
DATA: Knat=col(source(s), name("Knat"))
DATA: CaO=col(source(s), name("CaO"))
GUIDE: axis(dim(1), label("Knat"))
GUIDE: axis(dim(2), label("CaO"))
ELEMENT: point(position(Knat*CaO))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



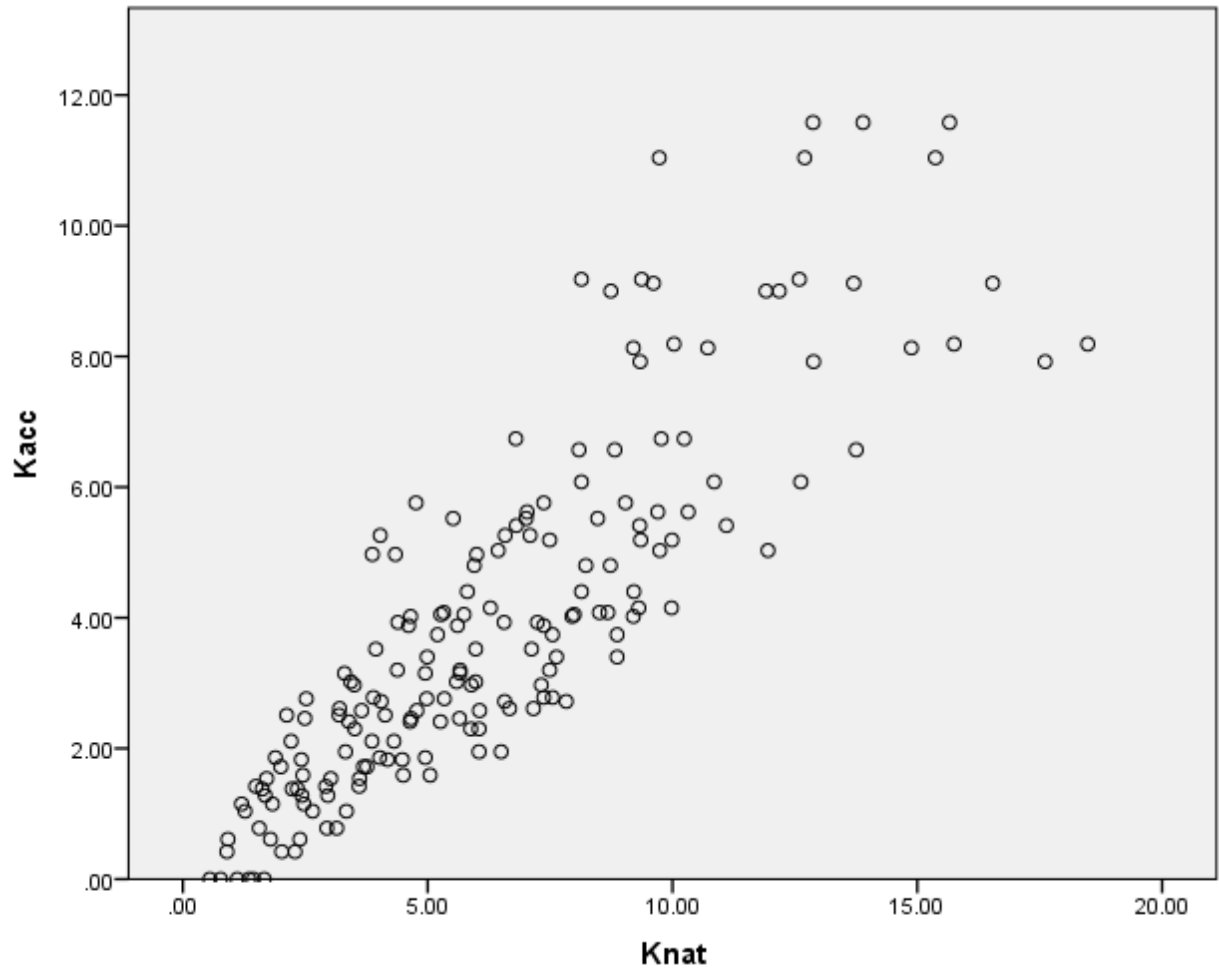
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Knat Kacc MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Knat=col(source(s), name("Knat"))
  DATA: Kacc=col(source(s), name("Kacc"))
  GUIDE: axis(dim(1), label("Knat"))
  GUIDE: axis(dim(2), label("Kacc"))
  ELEMENT: point(position(Knat*Kacc))
END GPL.

```

GGraph

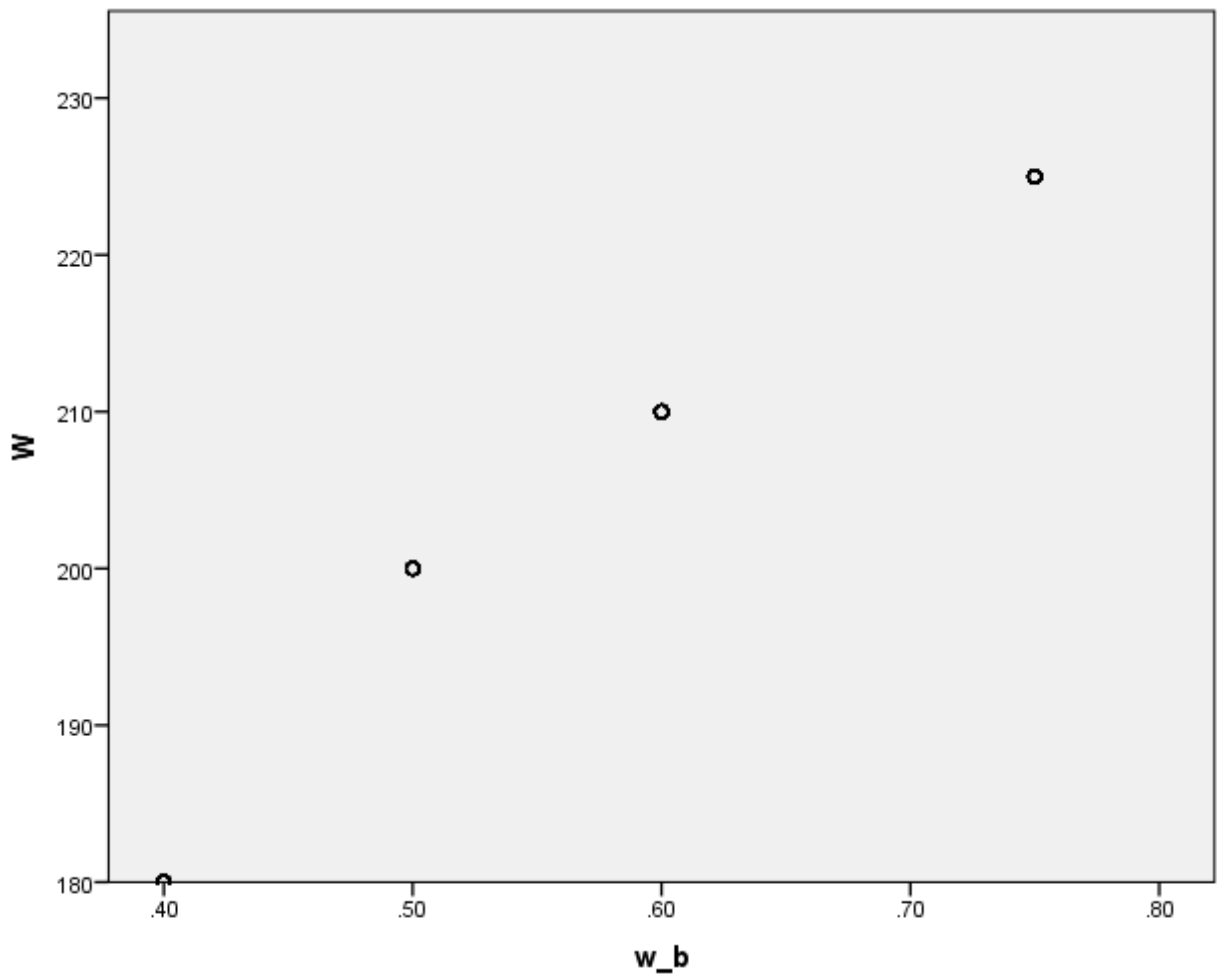
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=w_b W MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: w_b=col(source(s), name("w_b"))
  DATA: W=col(source(s), name("W"))
  GUIDE: axis(dim(1), label("w_b"))
  GUIDE: axis(dim(2), label("W"))
  ELEMENT: point(position(w_b*W))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

 /GRAPHDATASET NAME="graphdataset" VARIABLES=w_b B MISSING=LISTWISE
REPORTMISSING=NO

 /GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

 SOURCE: s=userSource(id("graphdataset"))

 DATA: w_b=col(source(s), name("w_b"))

 DATA: B=col(source(s), name("B"))

 GUIDE: axis(dim(1), label("w_b"))

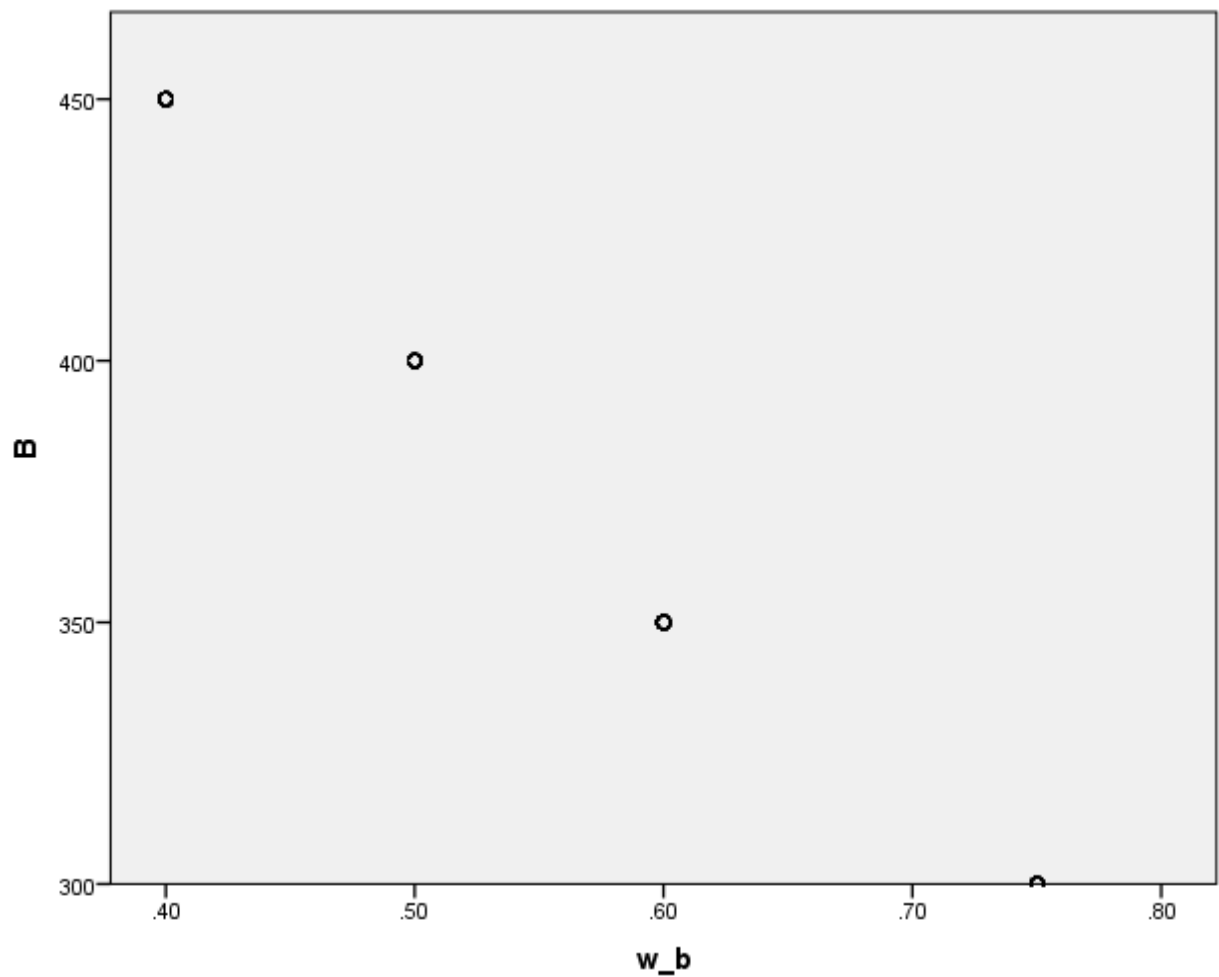
 GUIDE: axis(dim(2), label("B"))

 ELEMENT: point(position(w_b*B))

END GPL.

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.  
GGRAPH  
  /GRAPHDATASET NAME="graphdataset" VARIABLES=w_b C MISSING=LISTWISE  
REPORTMISSING=NO  
  /GRAPHSPEC SOURCE=INLINE.  
BEGIN GPL
```

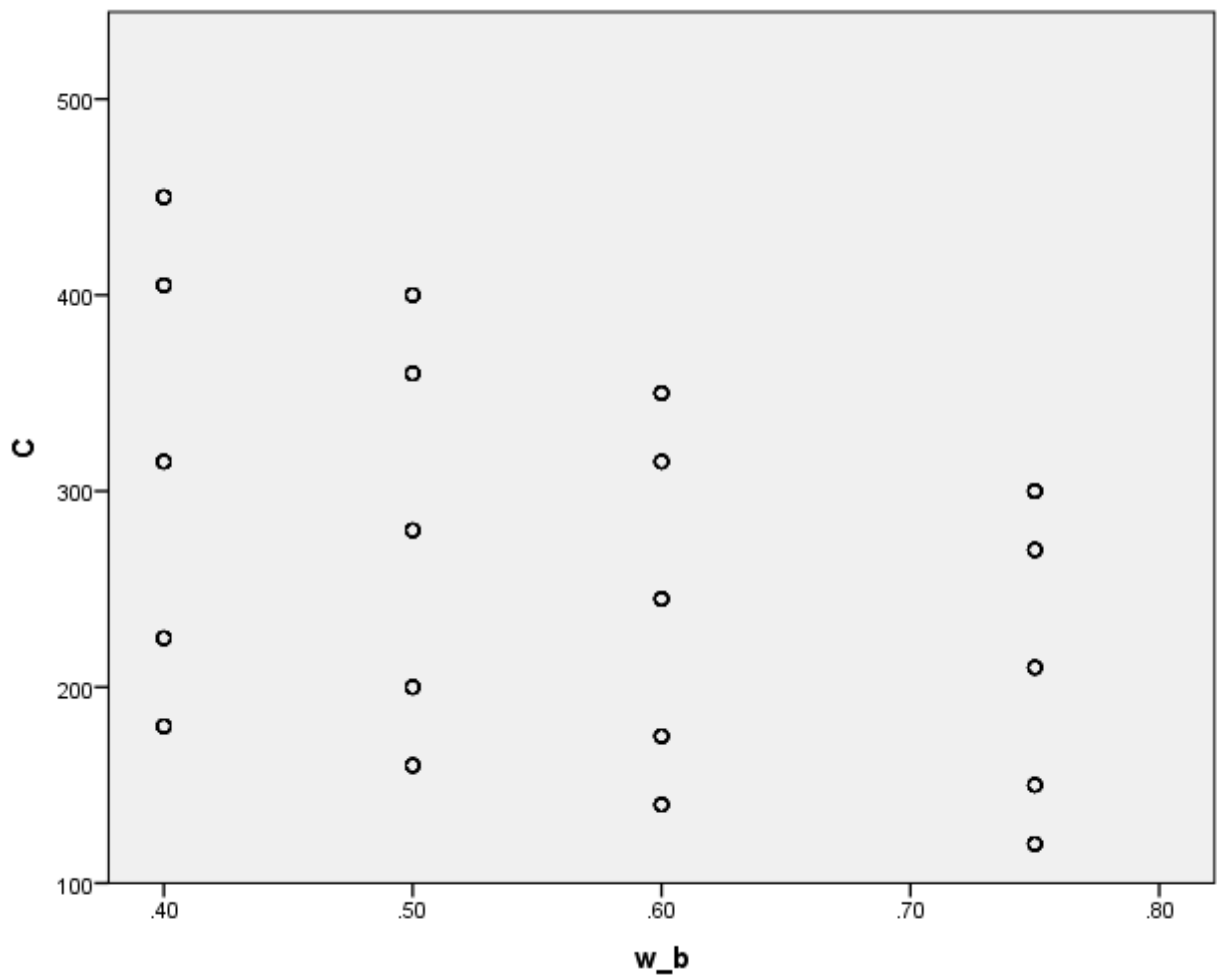
```

SOURCE: s=userSource(id("graphdataset"))
DATA: w_b=col(source(s), name("w_b"))
DATA: C=col(source(s), name("C"))
GUIDE: axis(dim(1), label("w_b"))
GUIDE: axis(dim(2), label("C"))
ELEMENT: point(position(w_b*C))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



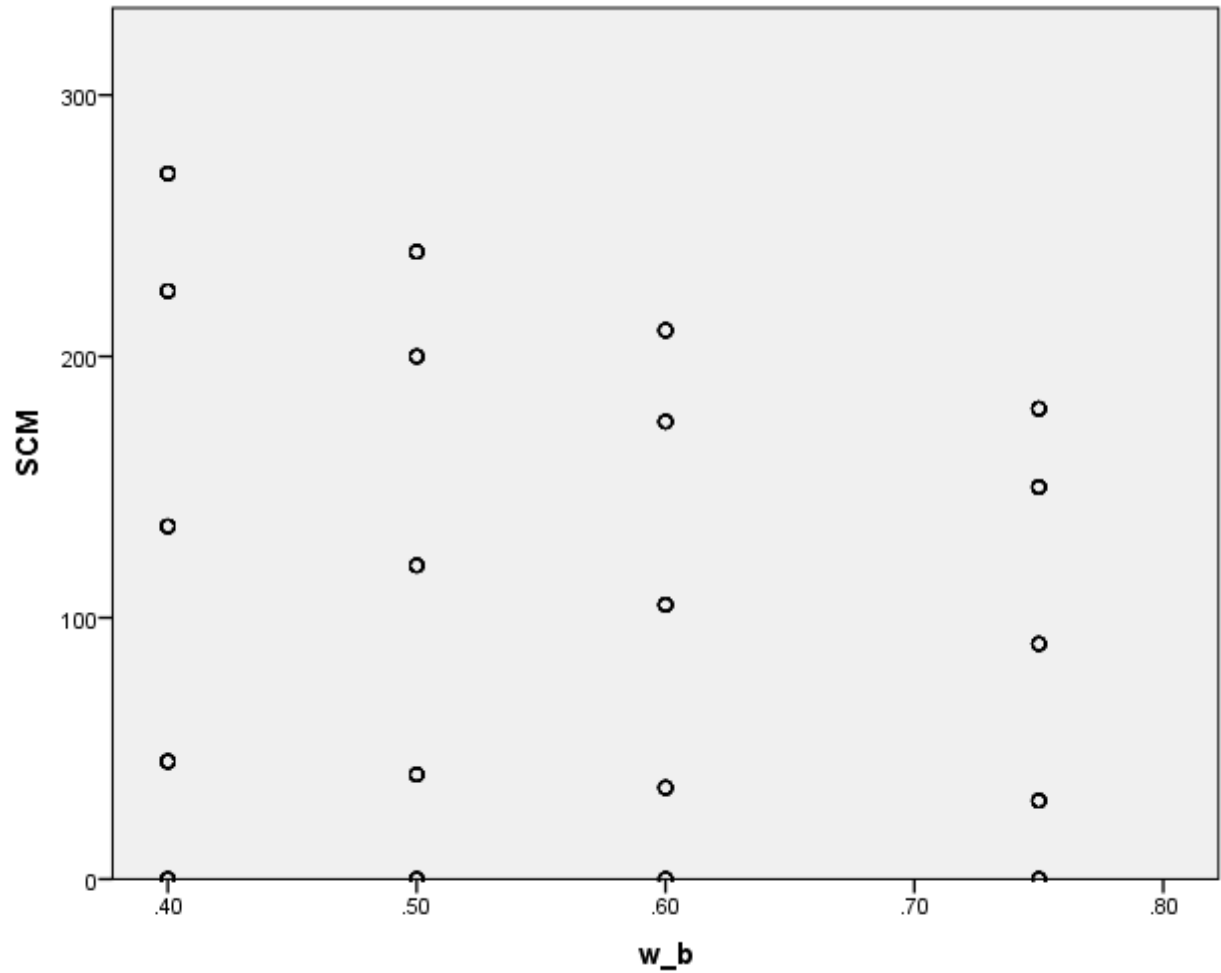
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=w_b SCM MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: w_b=col(source(s), name("w_b"))
  DATA: SCM=col(source(s), name("SCM"))
  GUIDE: axis(dim(1), label("w_b"))
  GUIDE: axis(dim(2), label("SCM"))
  ELEMENT: point(position(w_b*SCM))
END GPL.

```

GGraph

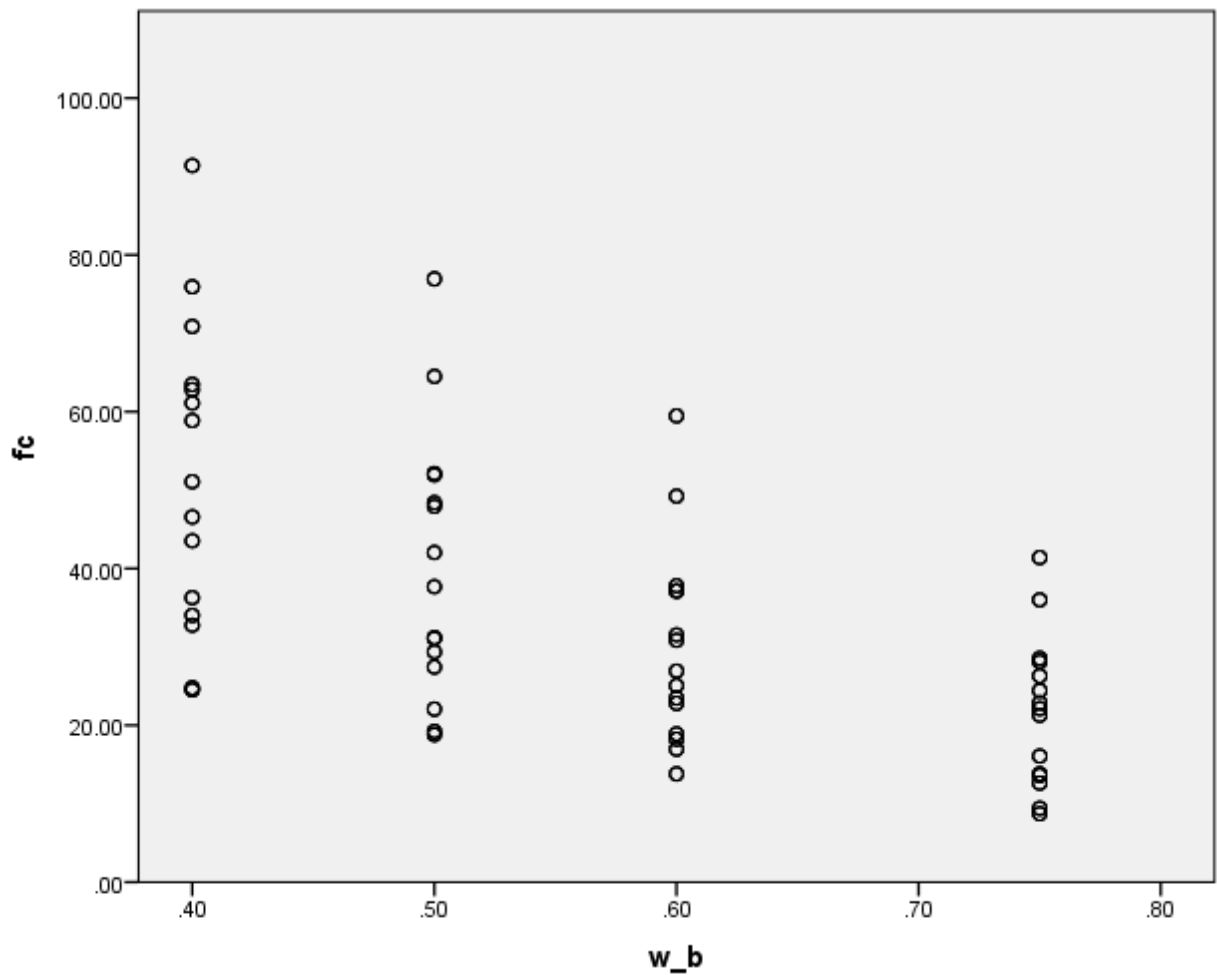
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=w_b fc MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: w_b=col(source(s), name("w_b"))
  DATA: fc=col(source(s), name("fc"))
  GUIDE: axis(dim(1), label("w_b"))
  GUIDE: axis(dim(2), label("fc"))
  ELEMENT: point(position(w_b*fc))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=w_b OPI MISSING=LISTWISE
REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

SOURCE: s=userSource(id("graphdataset"))

DATA: w_b=col(source(s), name("w_b"))

DATA: OPI=col(source(s), name("OPI"))

GUIDE: axis(dim(1), label("w_b"))

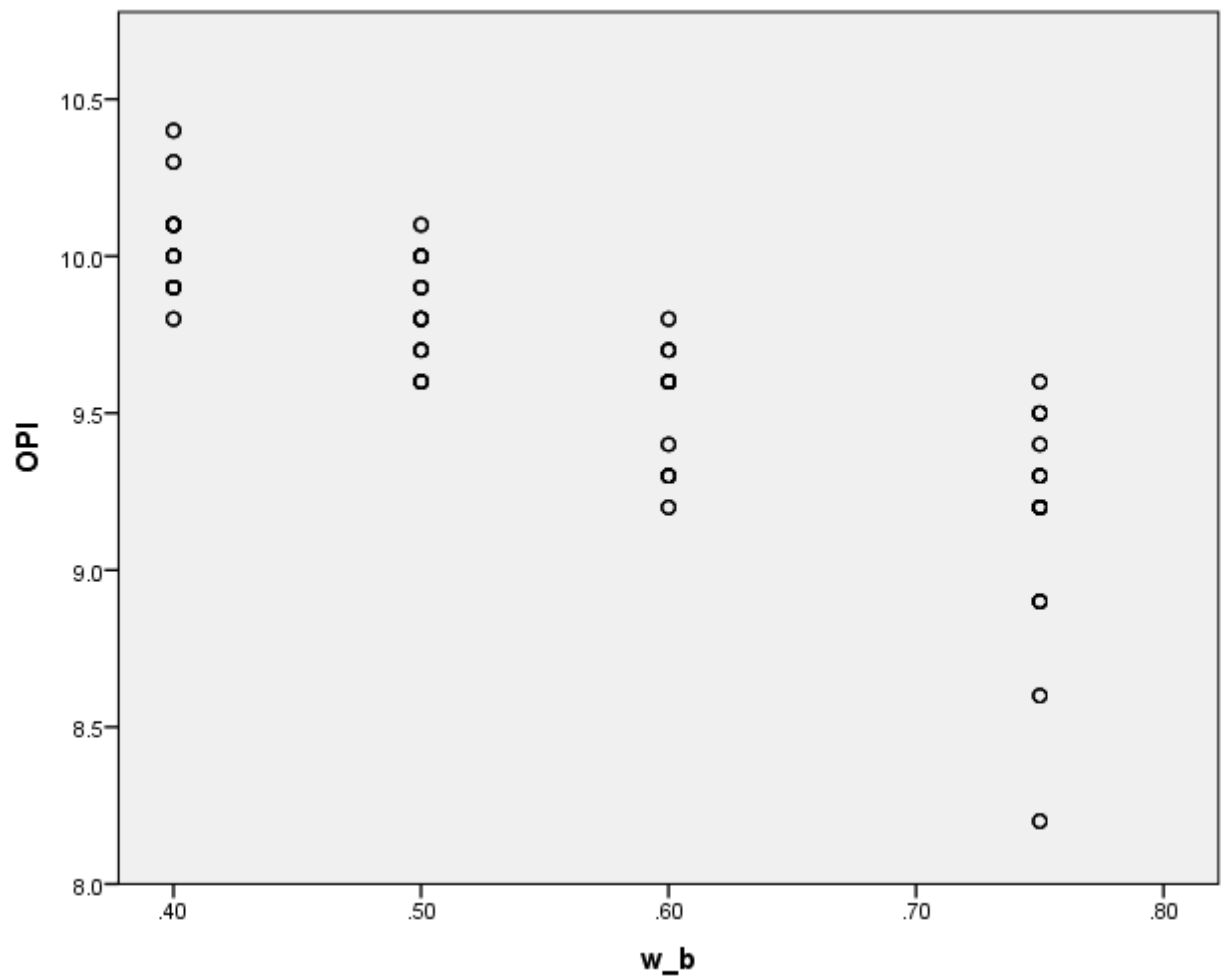
GUIDE: axis(dim(2), label("OPI"))

ELEMENT: point(position(w_b*OPI))

END GPL.

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=w_b WS MISSING=LISTWISE

REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

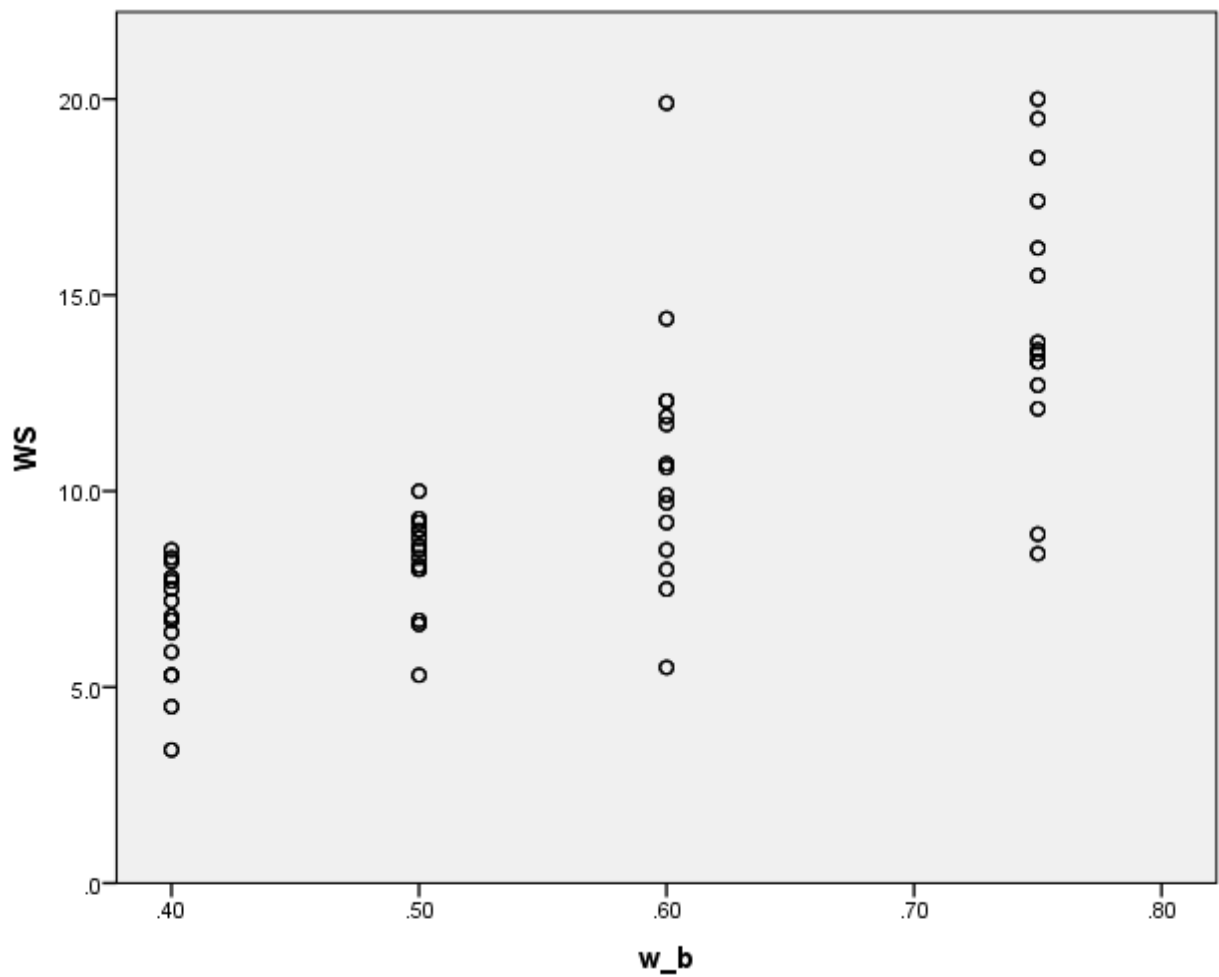
```

SOURCE: s=userSource(id("graphdataset"))
DATA: w_b=col(source(s), name("w_b"))
DATA: WS=col(source(s), name("WS"))
GUIDE: axis(dim(1), label("w_b"))
GUIDE: axis(dim(2), label("WS"))
ELEMENT: point(position(w_b*WS))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



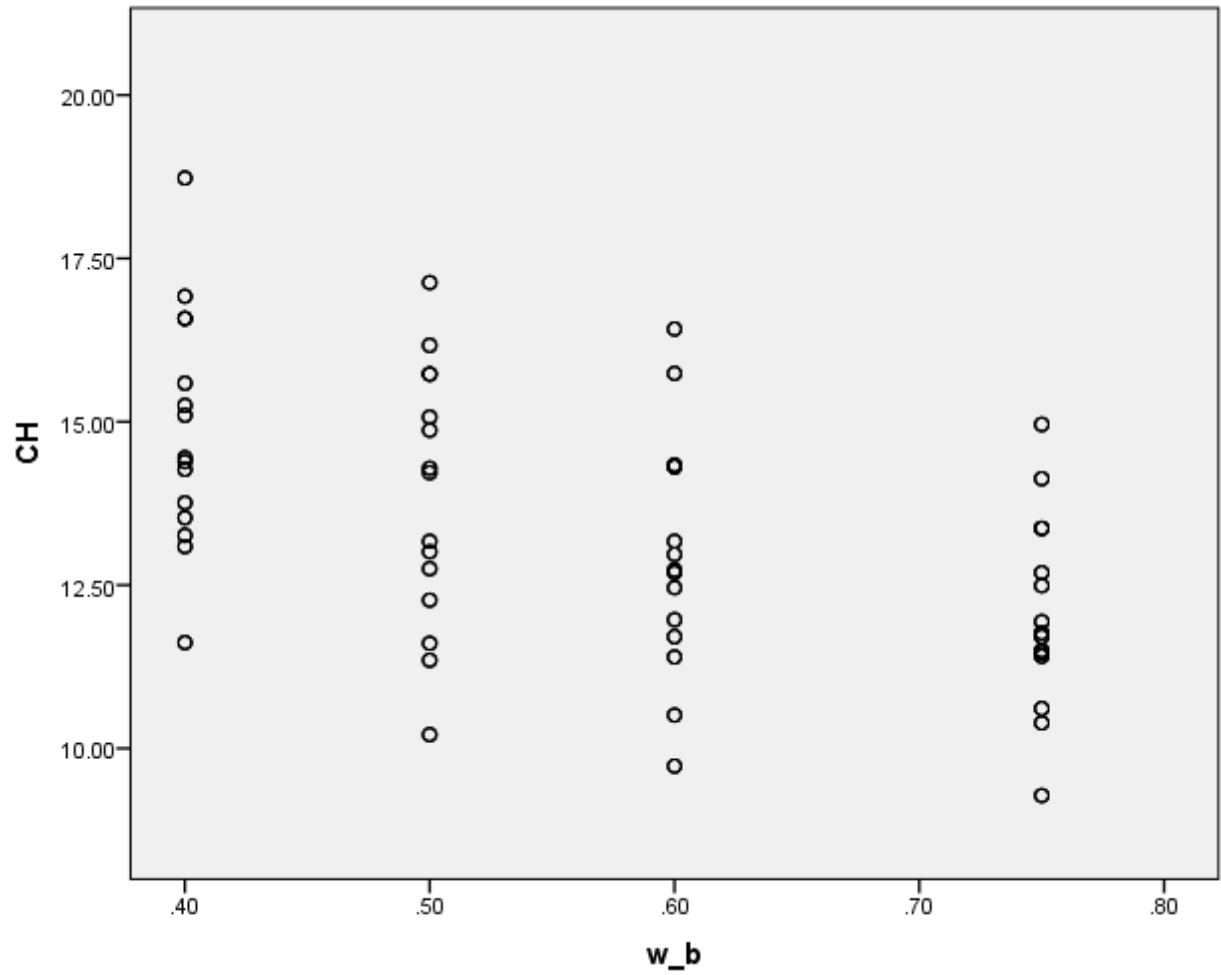
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=w_b CH MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: w_b=col(source(s), name("w_b"))
  DATA: CH=col(source(s), name("CH"))
  GUIDE: axis(dim(1), label("w_b"))
  GUIDE: axis(dim(2), label("CH"))
  ELEMENT: point(position(w_b*CH))
END GPL.

```

GGraph

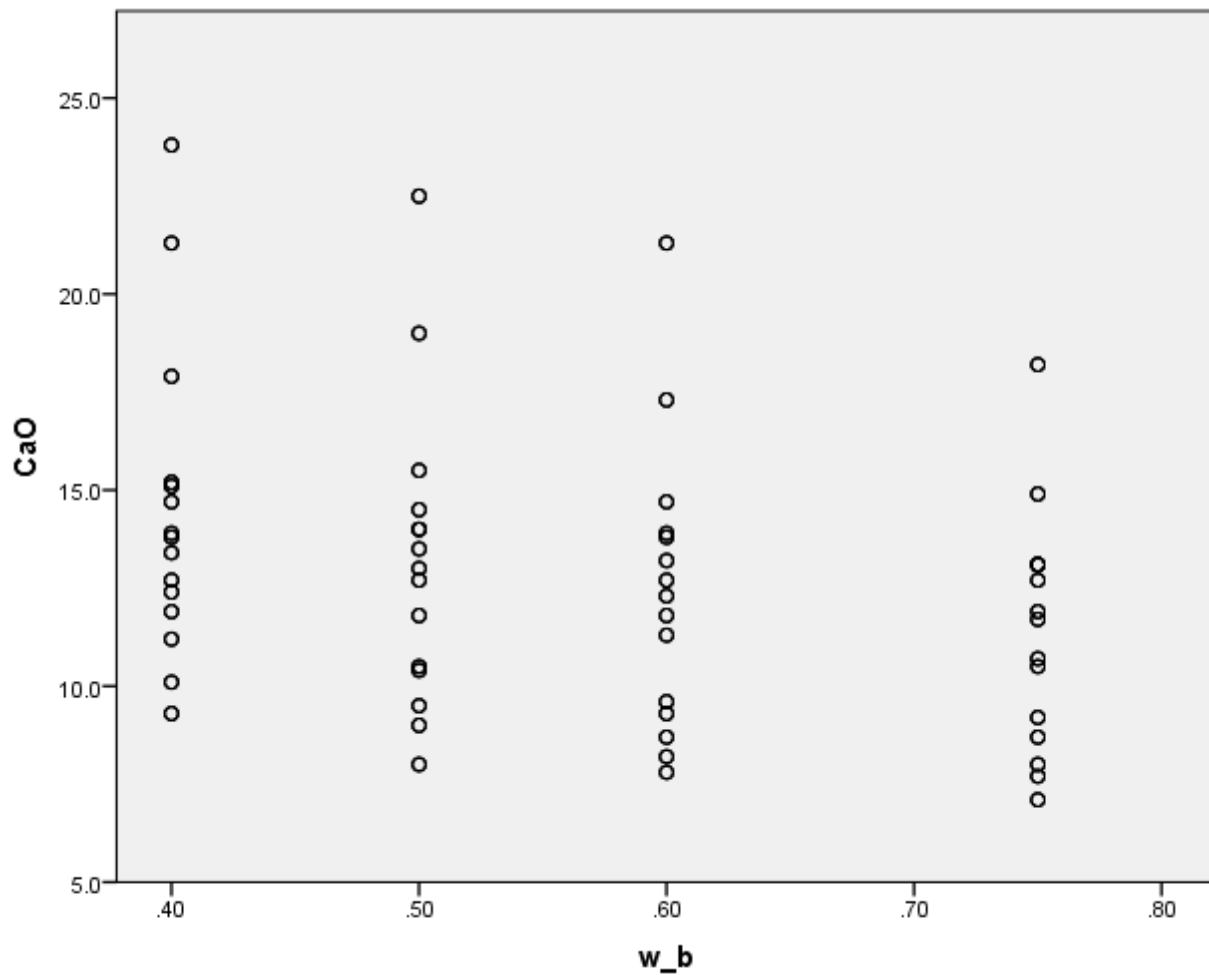
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=w_b CaO MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: w_b=col(source(s), name("w_b"))
  DATA: CaO=col(source(s), name("CaO"))
  GUIDE: axis(dim(1), label("w_b"))
  GUIDE: axis(dim(2), label("CaO"))
  ELEMENT: point(position(w_b*CaO))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=w_b Kacc MISSING=LISTWISE
REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

SOURCE: s=userSource(id("graphdataset"))

DATA: w_b=col(source(s), name("w_b"))

DATA: Kacc=col(source(s), name("Kacc"))

GUIDE: axis(dim(1), label("w_b"))

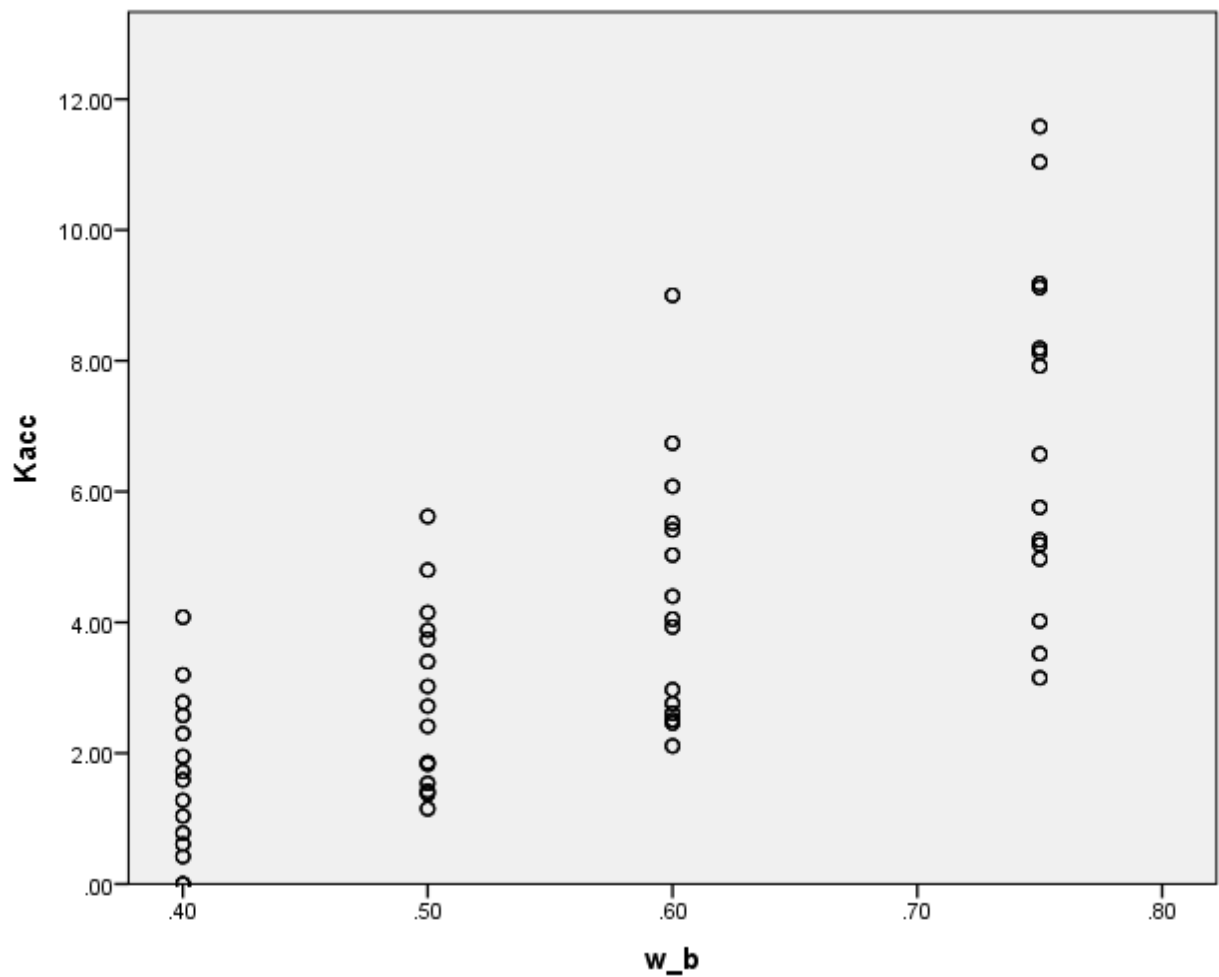
GUIDE: axis(dim(2), label("Kacc"))

ELEMENT: point(position(w_b*Kacc))

END GPL.

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.  
GGRAPH  
  /GRAPHDATASET NAME="graphdataset" VARIABLES=W B MISSING=LISTWISE  
REPORTMISSING=NO  
  /GRAPHSPEC SOURCE=INLINE.  
BEGIN GPL
```

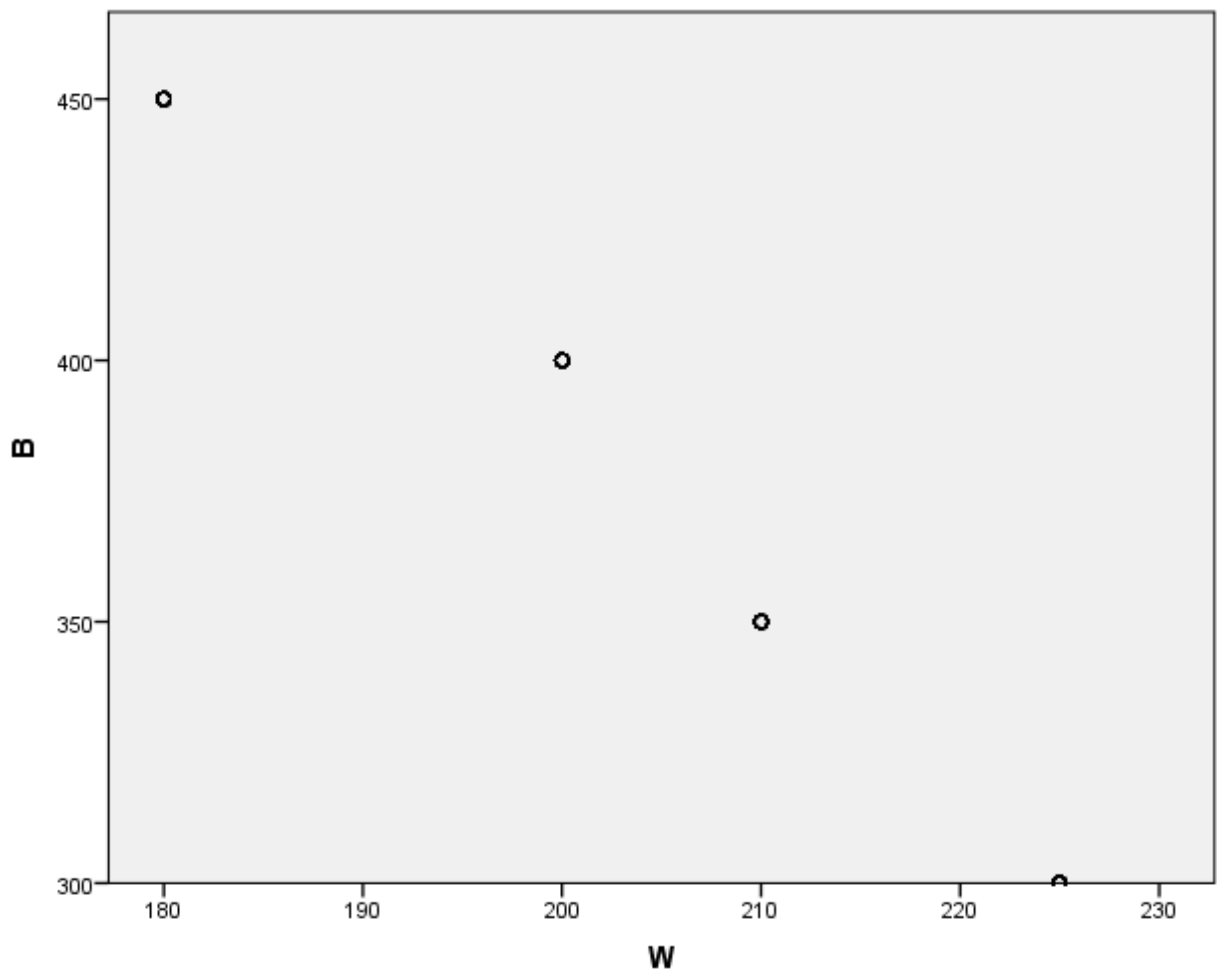
```

SOURCE: s=userSource(id("graphdataset"))
DATA: W=col(source(s), name("W"))
DATA: B=col(source(s), name("B"))
GUIDE: axis(dim(1), label("W"))
GUIDE: axis(dim(2), label("B"))
ELEMENT: point(position(W*B))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



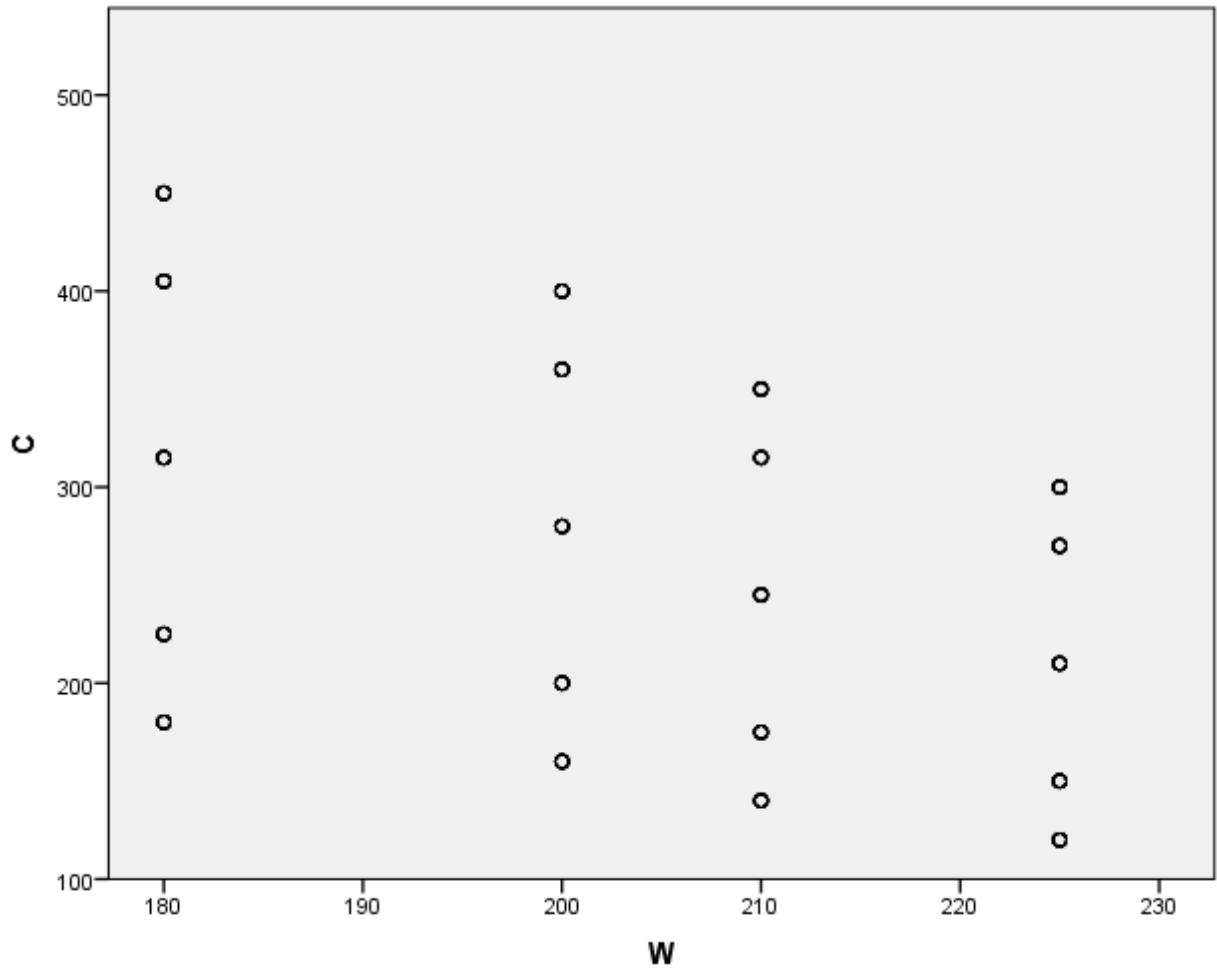
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=W C MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: W=col(source(s), name("W"))
  DATA: C=col(source(s), name("C"))
  GUIDE: axis(dim(1), label("W"))
  GUIDE: axis(dim(2), label("C"))
  ELEMENT: point(position(W*C))
END GPL.

```

GGraph

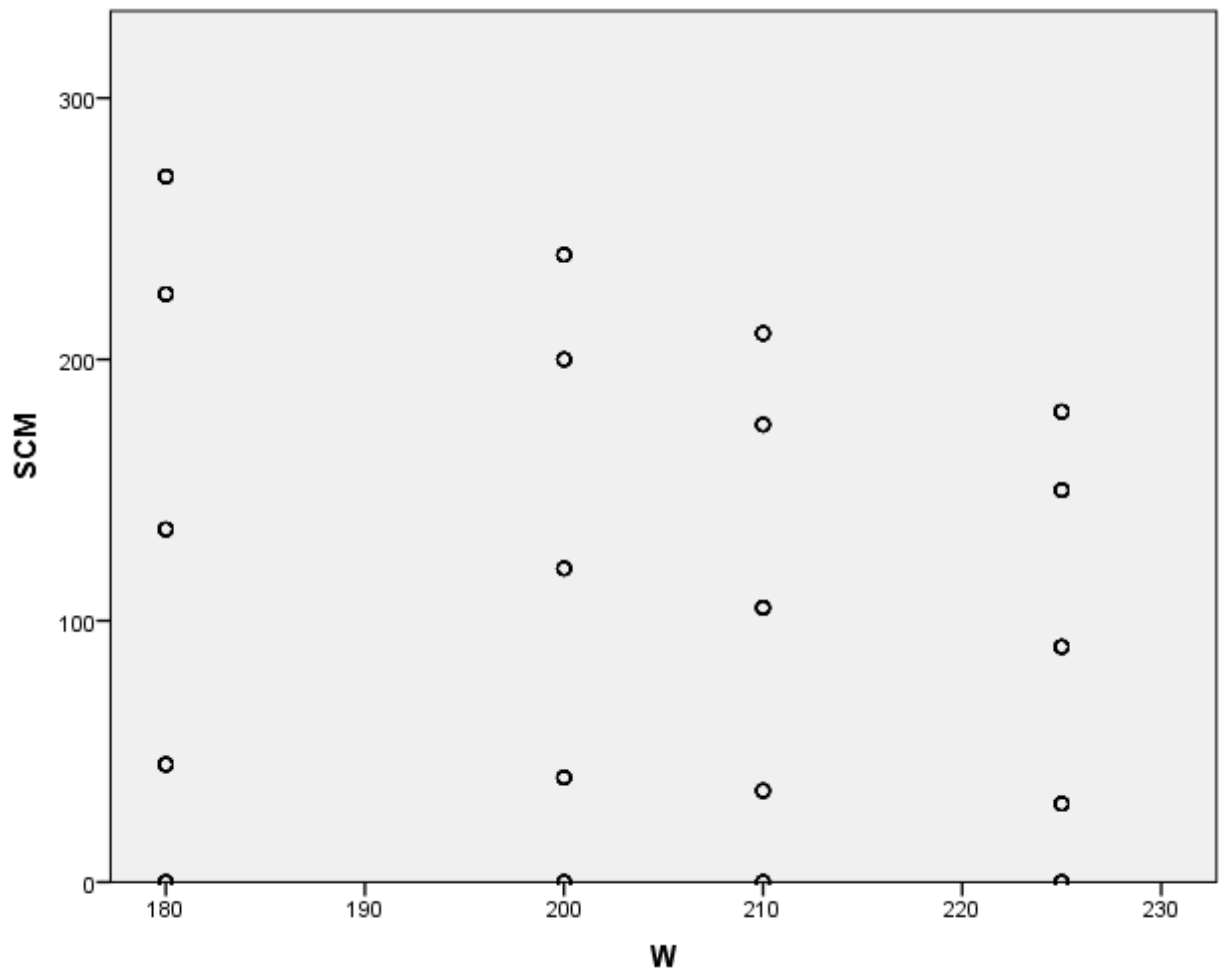
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=W SCM MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: W=col(source(s), name("W"))
  DATA: SCM=col(source(s), name("SCM"))
  GUIDE: axis(dim(1), label("W"))
  GUIDE: axis(dim(2), label("SCM"))
  ELEMENT: point(position(W*SCM))
END GPL.
```

GGraph

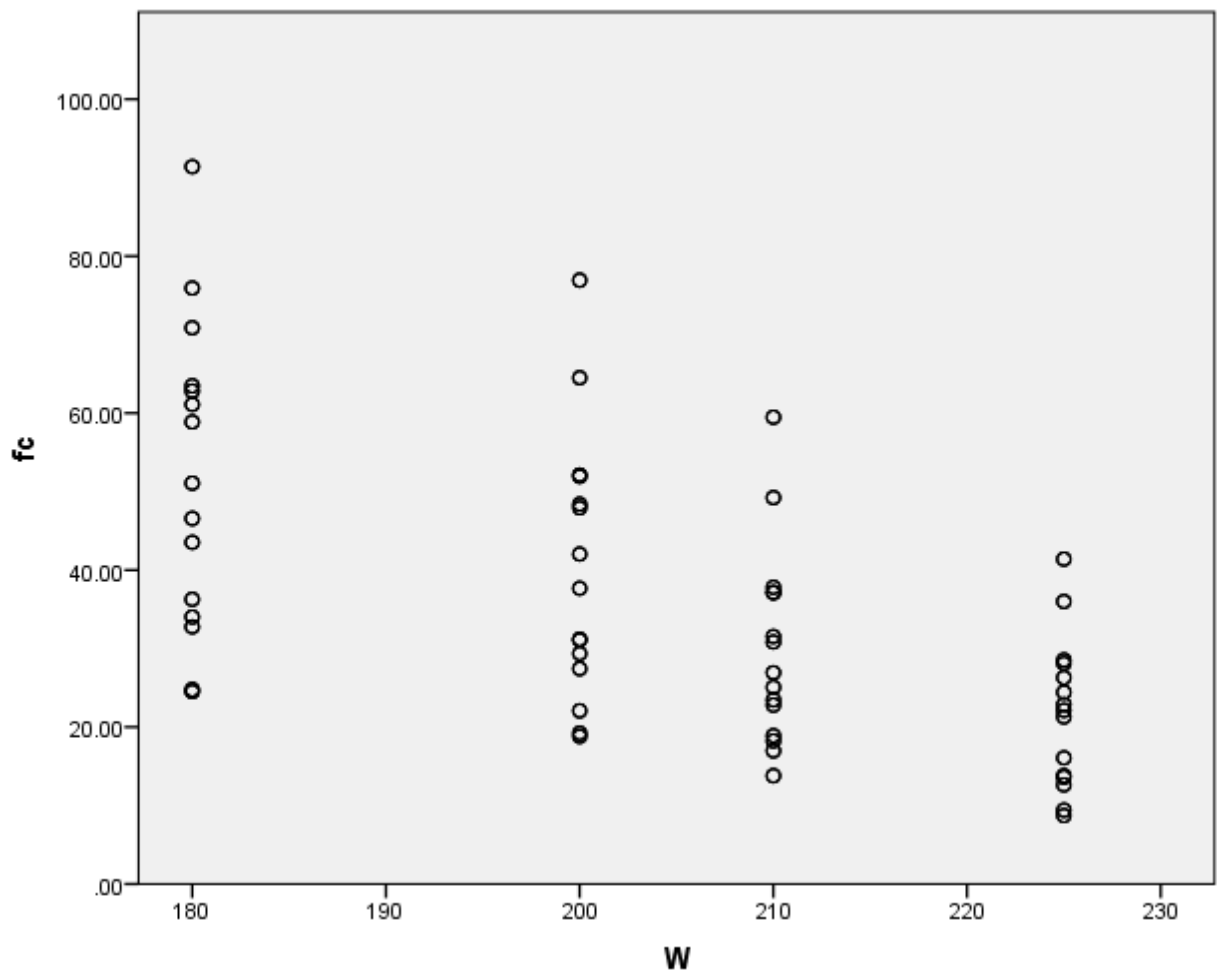
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=W fc MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: W=col(source(s), name("W"))
  DATA: fc=col(source(s), name("fc"))
  GUIDE: axis(dim(1), label("W"))
  GUIDE: axis(dim(2), label("fc"))
  ELEMENT: point(position(W*fc))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=W OPI MISSING=LISTWISE

REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

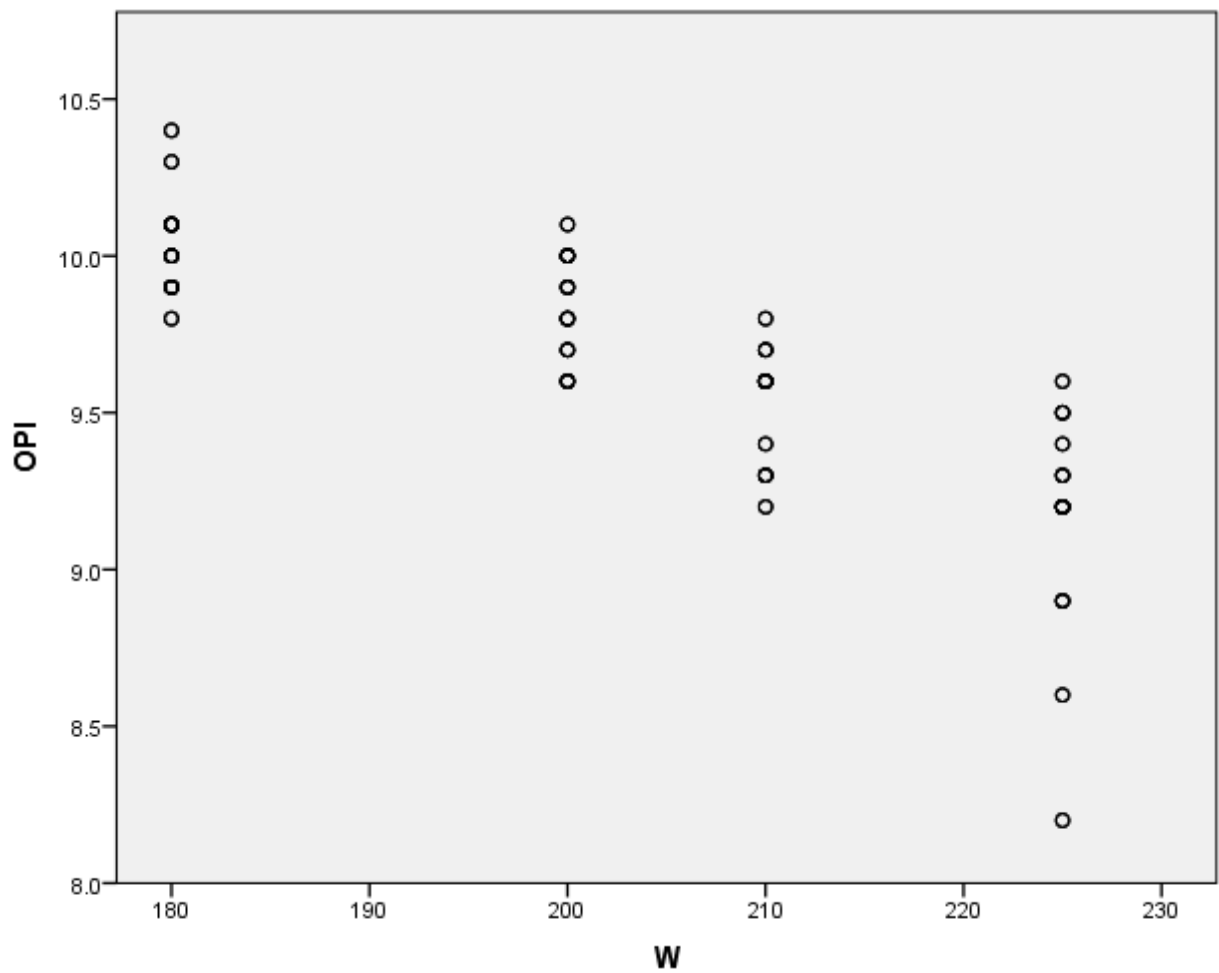
```

SOURCE: s=userSource(id("graphdataset"))
DATA: W=col(source(s), name("W"))
DATA: OPI=col(source(s), name("OPI"))
GUIDE: axis(dim(1), label("W"))
GUIDE: axis(dim(2), label("OPI"))
ELEMENT: point(position(W*OPI))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



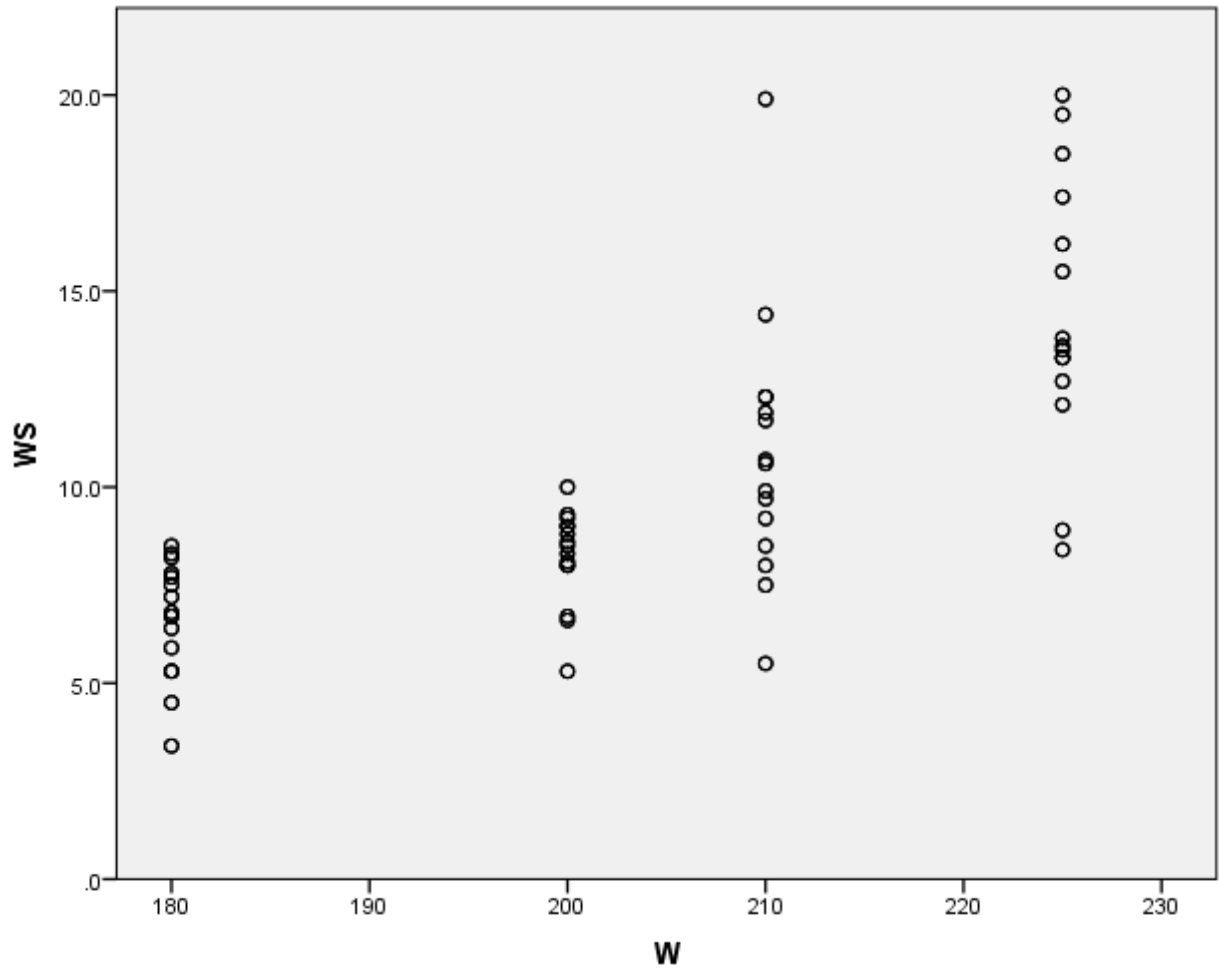
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=W WS MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: W=col(source(s), name("W"))
  DATA: WS=col(source(s), name("WS"))
  GUIDE: axis(dim(1), label("W"))
  GUIDE: axis(dim(2), label("WS"))
  ELEMENT: point(position(W*WS))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



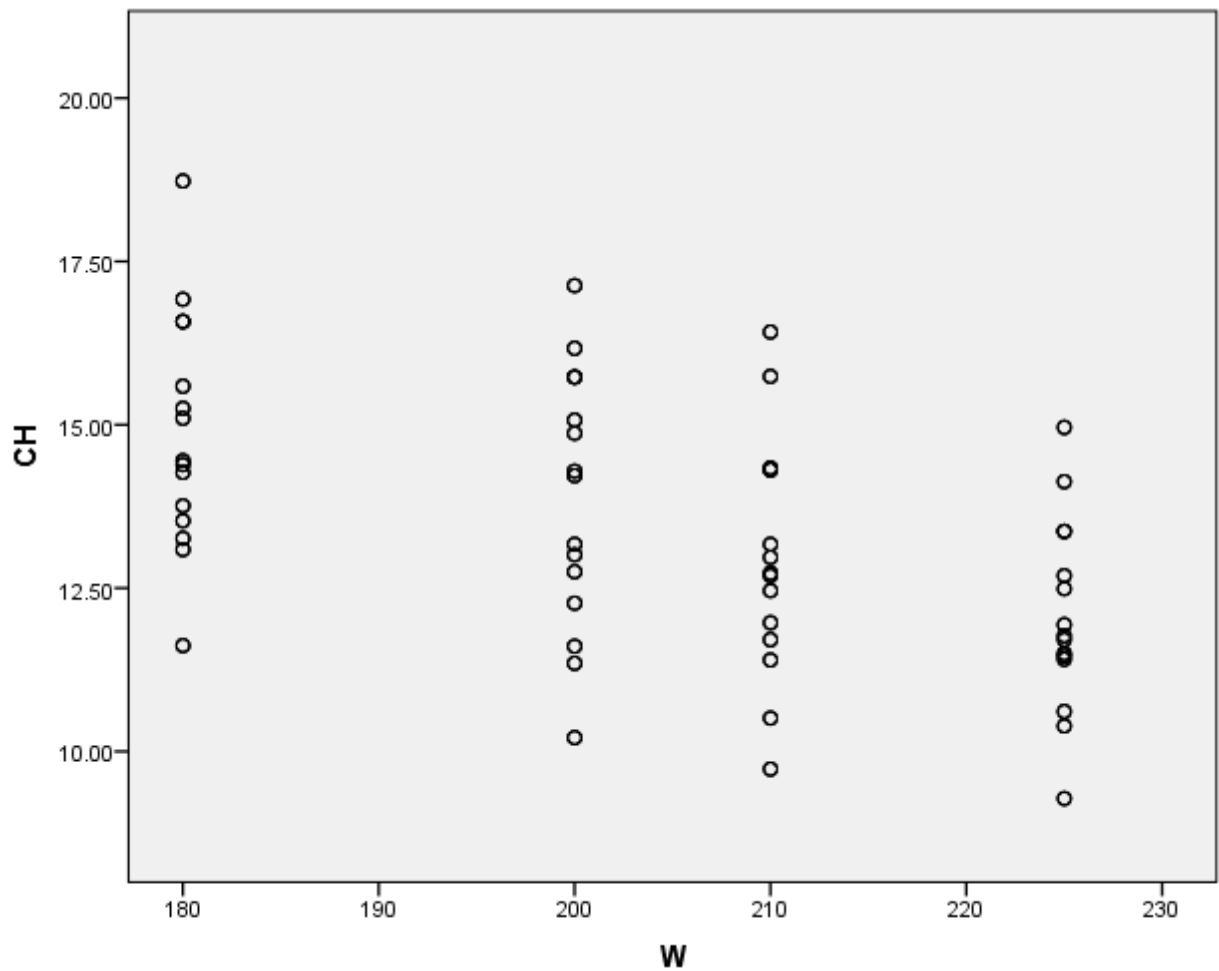
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=W CH MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: W=col(source(s), name("W"))
  DATA: CH=col(source(s), name("CH"))
  GUIDE: axis(dim(1), label("W"))
  GUIDE: axis(dim(2), label("CH"))
  ELEMENT: point(position(W*CH))
END GPL.

```

GGraph

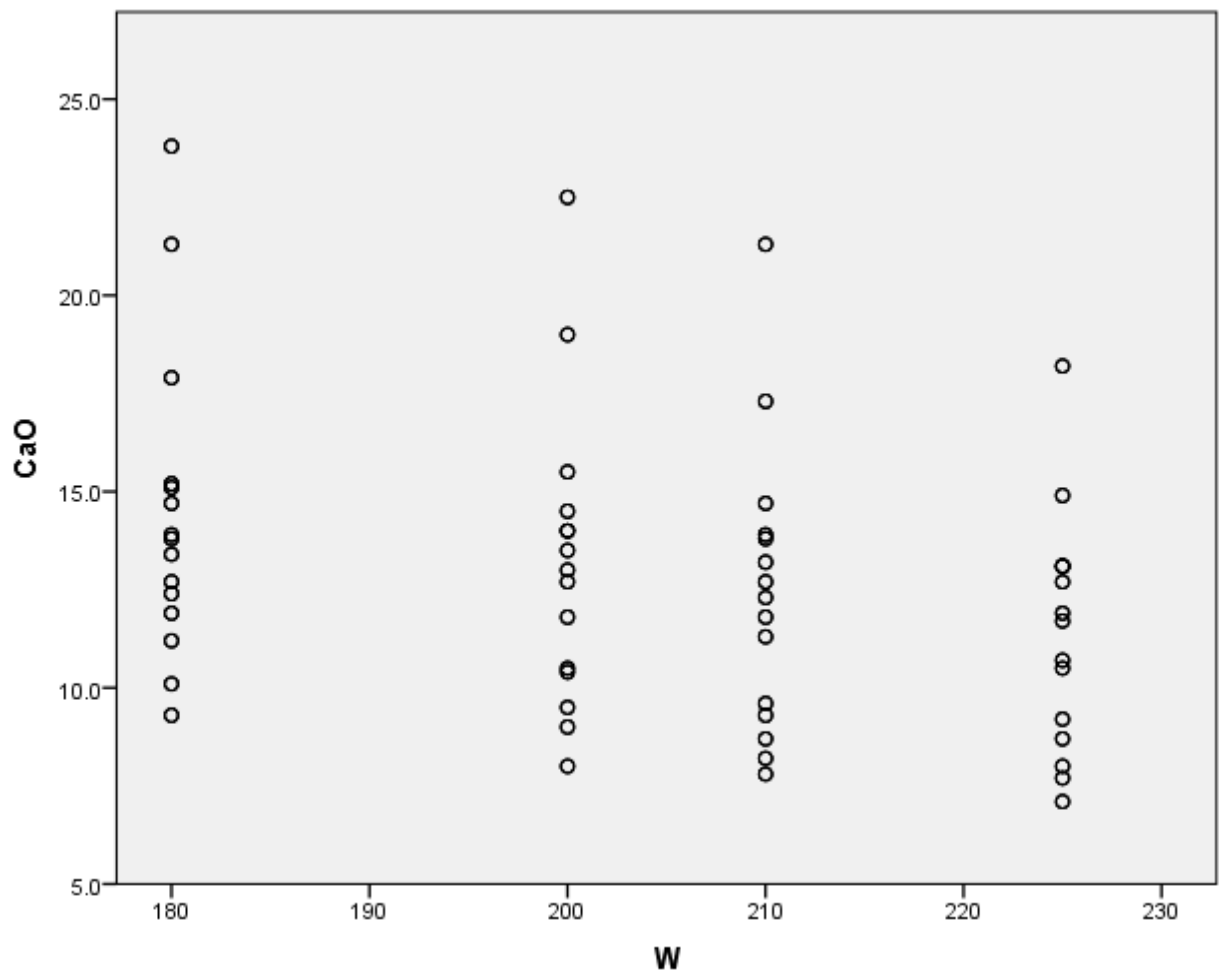
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=W CaO MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: W=col(source(s), name("W"))
  DATA: CaO=col(source(s), name("CaO"))
  GUIDE: axis(dim(1), label("W"))
  GUIDE: axis(dim(2), label("CaO"))
  ELEMENT: point(position(W*CaO))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=W Kacc MISSING=LISTWISE

REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

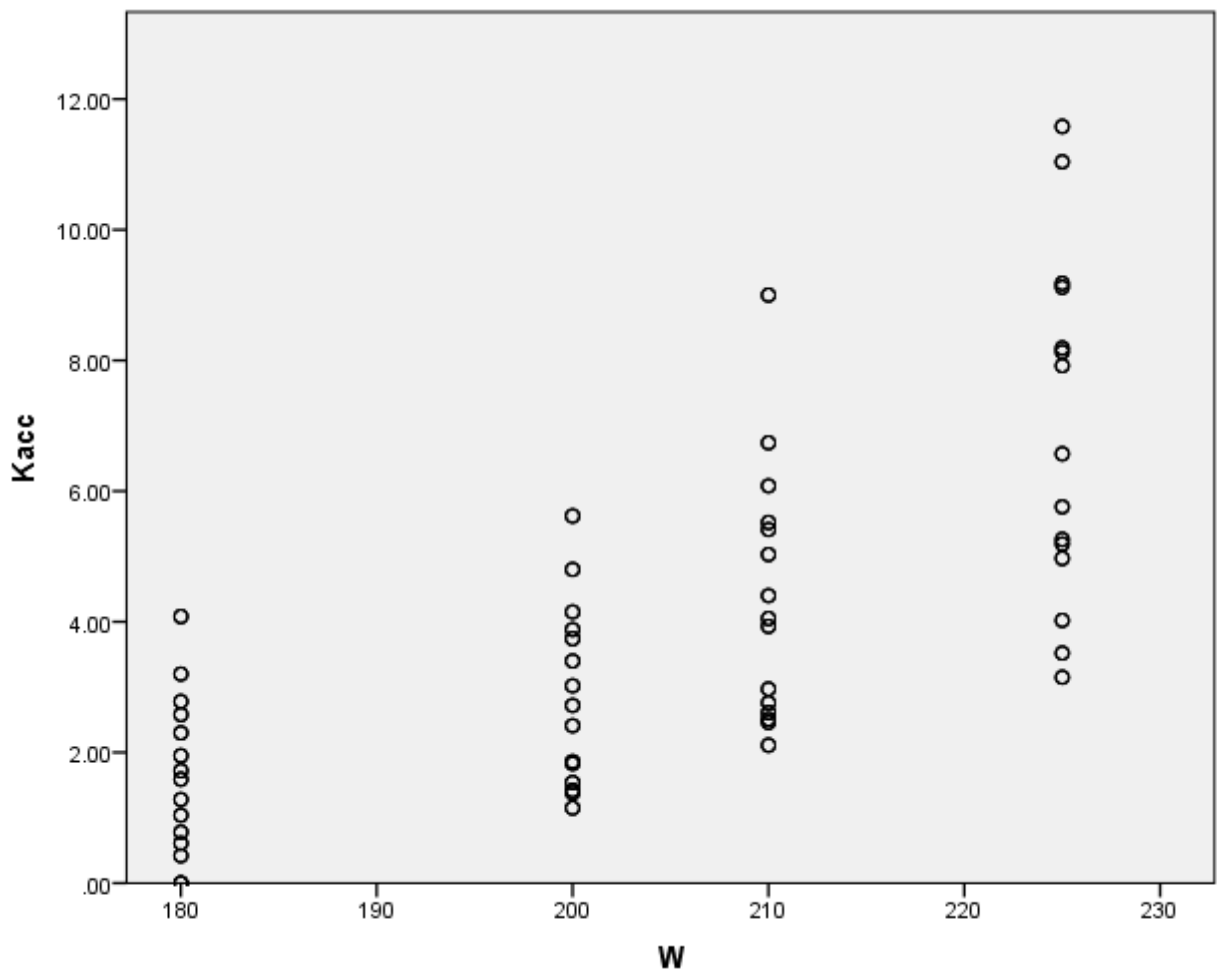
```

SOURCE: s=userSource(id("graphdataset"))
DATA: W=col(source(s), name("W"))
DATA: Kacc=col(source(s), name("Kacc"))
GUIDE: axis(dim(1), label("W"))
GUIDE: axis(dim(2), label("Kacc"))
ELEMENT: point(position(W*Kacc))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



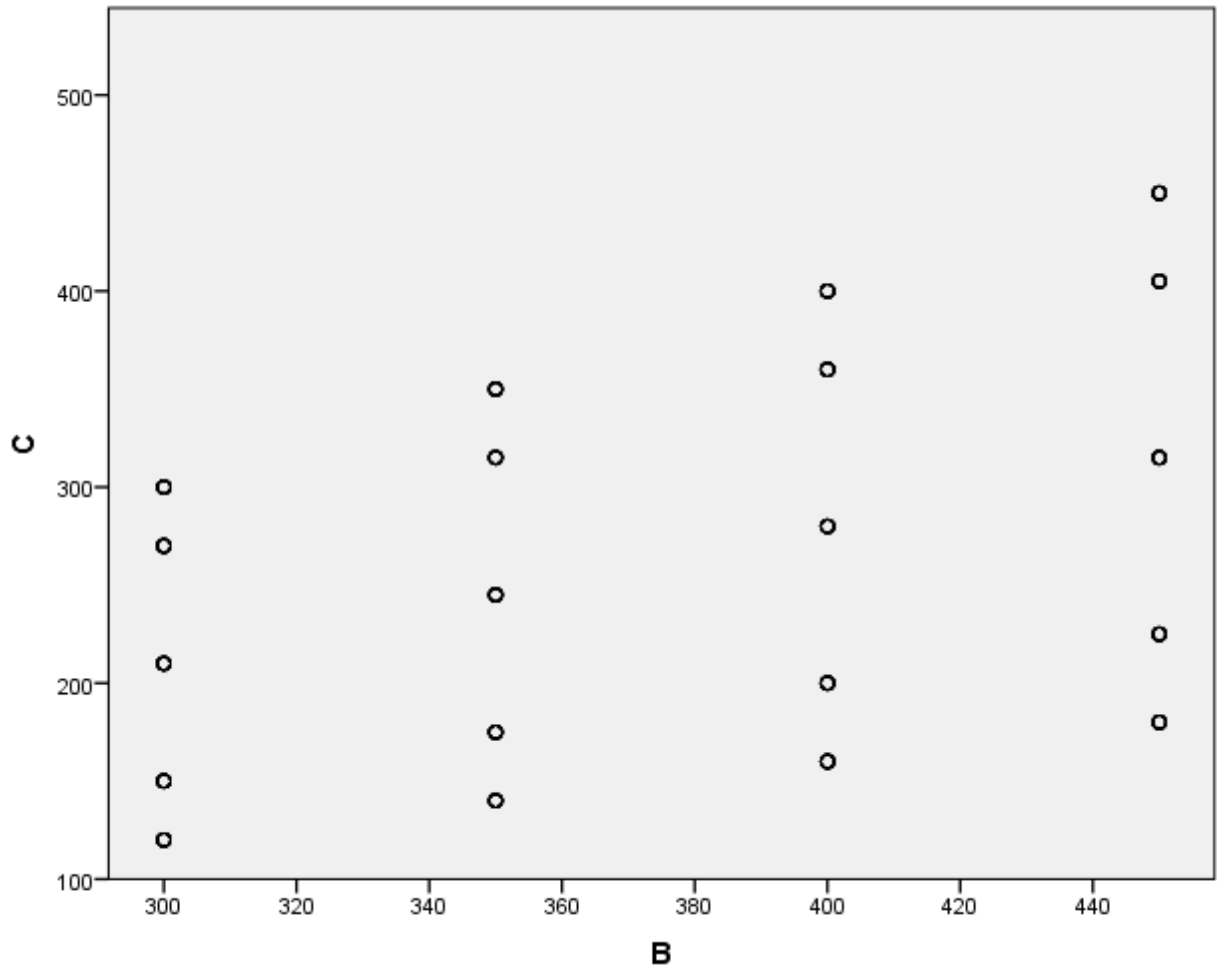
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=B C MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: B=col(source(s), name("B"))
  DATA: C=col(source(s), name("C"))
  GUIDE: axis(dim(1), label("B"))
  GUIDE: axis(dim(2), label("C"))
  ELEMENT: point(position(B*C))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



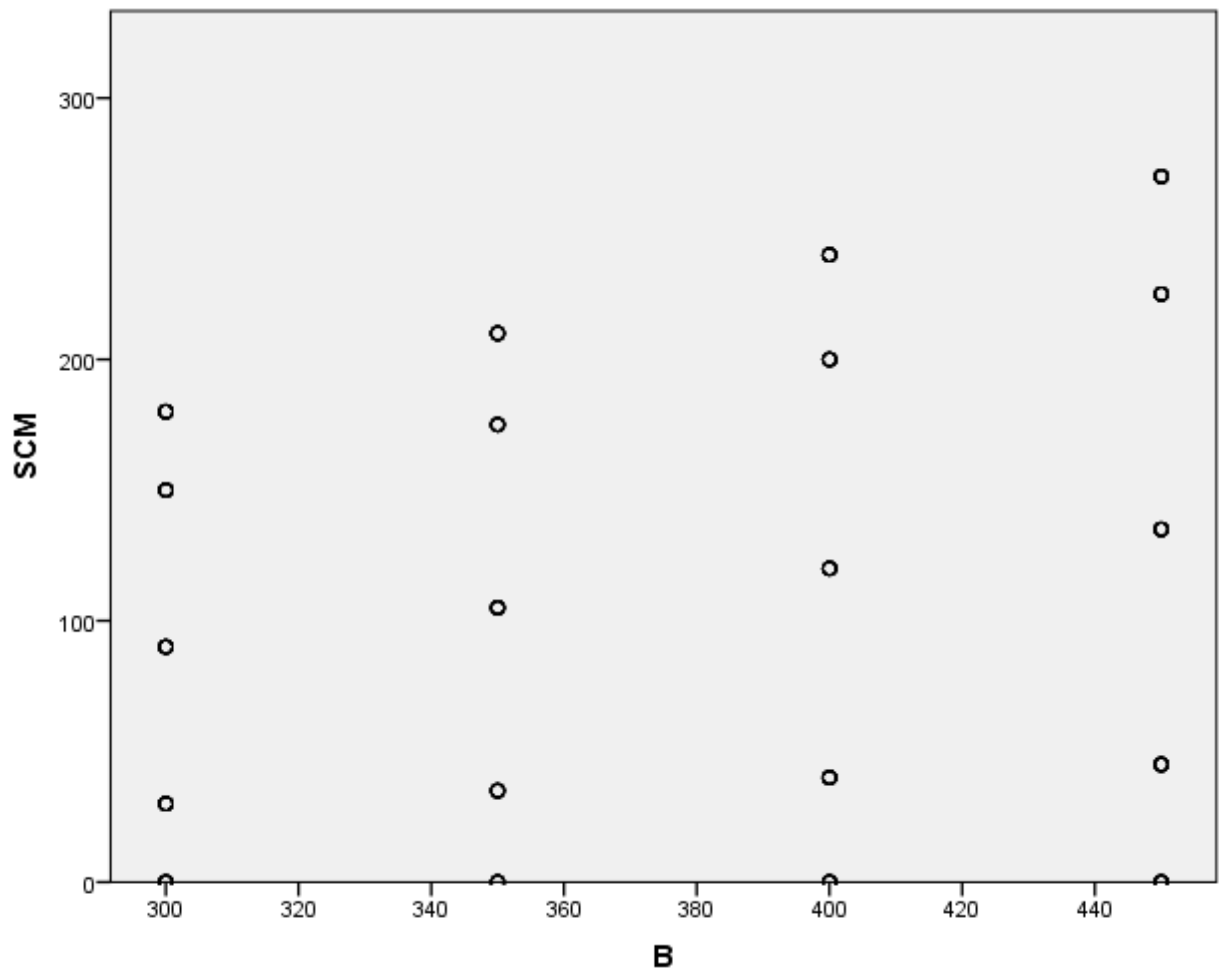
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=B SCM MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: B=col(source(s), name("B"))
  DATA: SCM=col(source(s), name("SCM"))
  GUIDE: axis(dim(1), label("B"))
  GUIDE: axis(dim(2), label("SCM"))
  ELEMENT: point(position(B*SCM))
END GPL.

```

GGraph

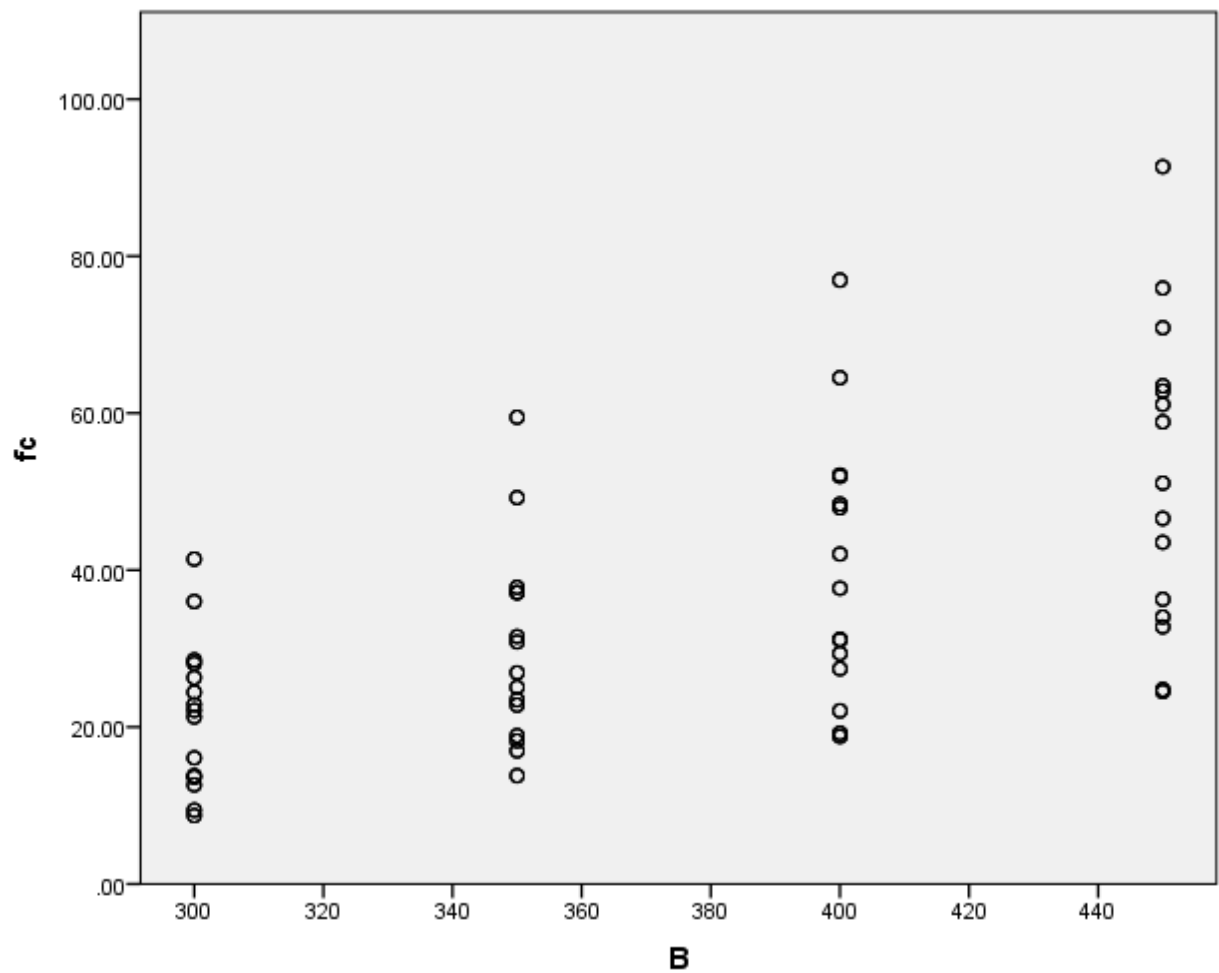
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=B fc MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: B=col(source(s), name("B"))
  DATA: fc=col(source(s), name("fc"))
  GUIDE: axis(dim(1), label("B"))
  GUIDE: axis(dim(2), label("fc"))
  ELEMENT: point(position(B*fc))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=B OPI MISSING=LISTWISE

REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

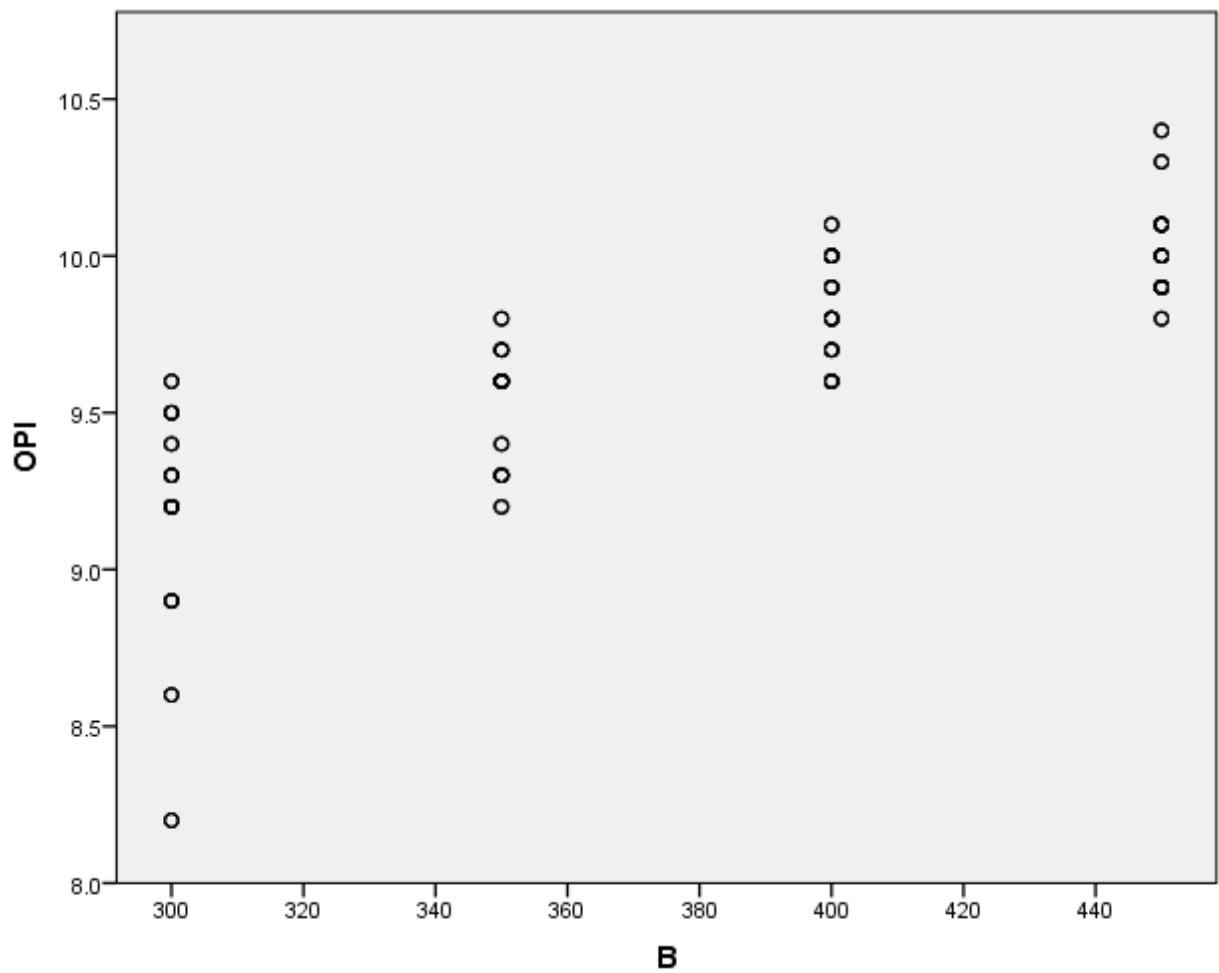
```

SOURCE: s=userSource(id("graphdataset"))
DATA: B=col(source(s), name("B"))
DATA: OPI=col(source(s), name("OPI"))
GUIDE: axis(dim(1), label("B"))
GUIDE: axis(dim(2), label("OPI"))
ELEMENT: point(position(B*OPI))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



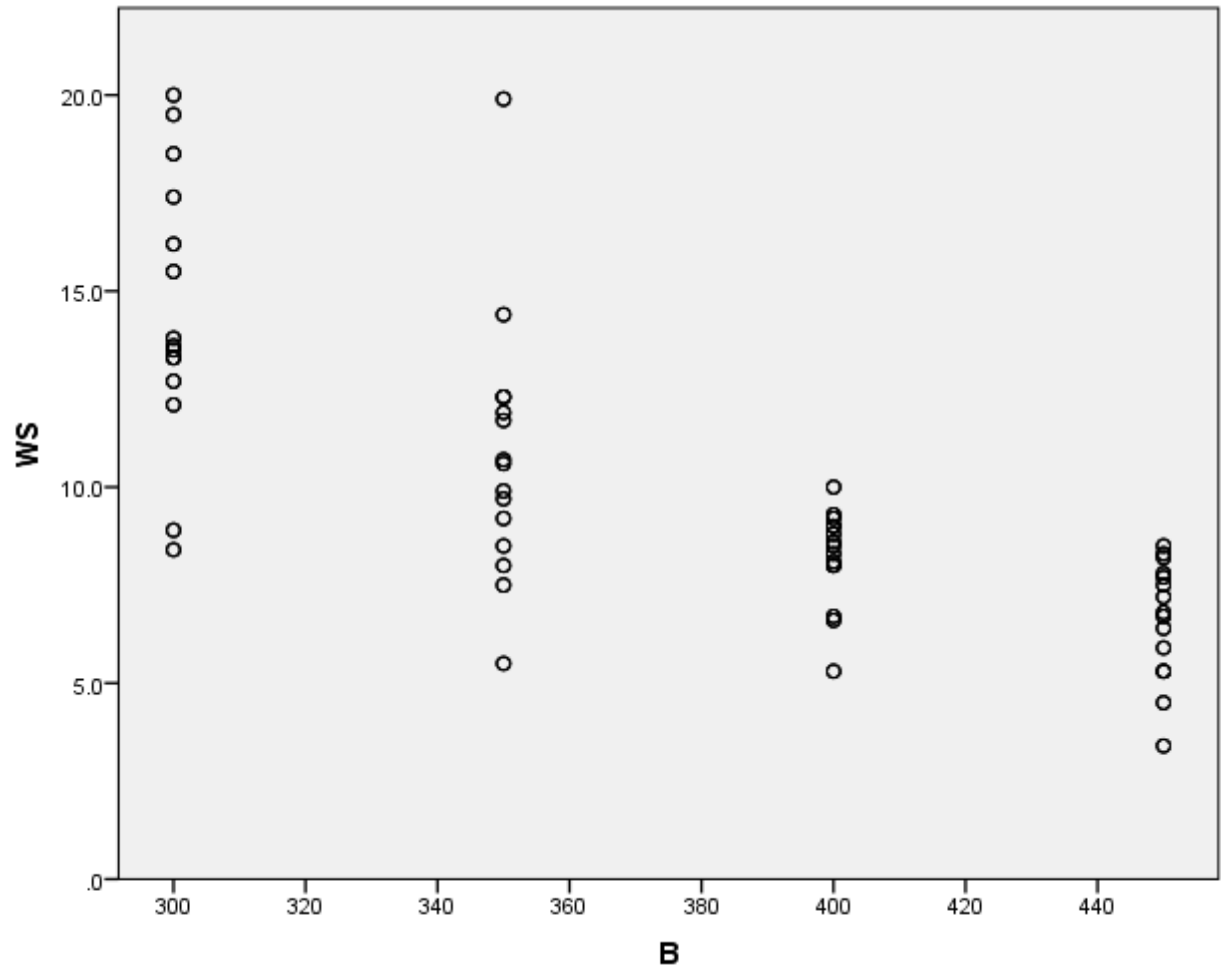
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=B WS MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: B=col(source(s), name("B"))
  DATA: WS=col(source(s), name("WS"))
  GUIDE: axis(dim(1), label("B"))
  GUIDE: axis(dim(2), label("WS"))
  ELEMENT: point(position(B*WS))
END GPL.

```

GGraph

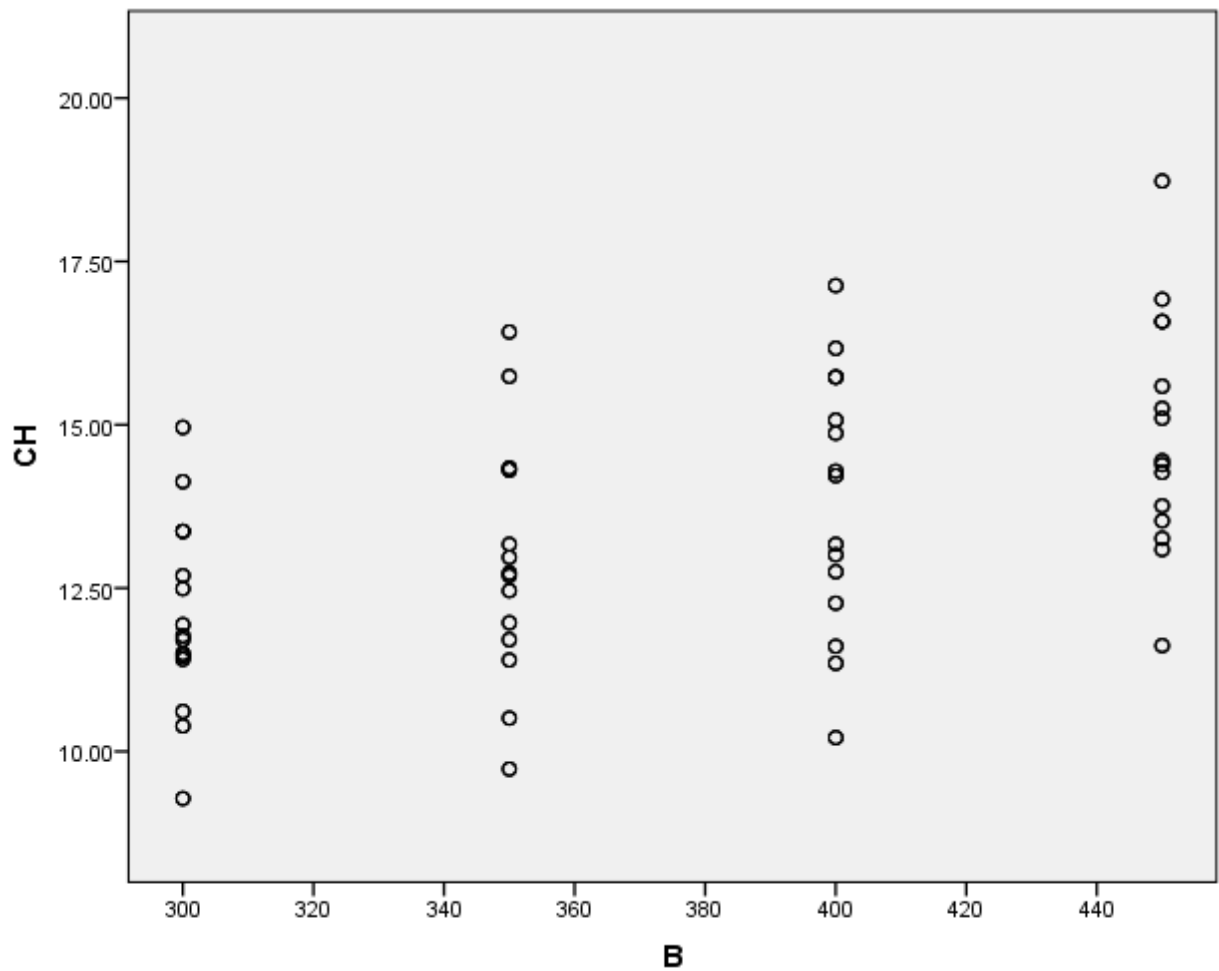
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=B CH MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: B=col(source(s), name("B"))
  DATA: CH=col(source(s), name("CH"))
  GUIDE: axis(dim(1), label("B"))
  GUIDE: axis(dim(2), label("CH"))
  ELEMENT: point(position(B*CH))
END GPL.
```

GGraph

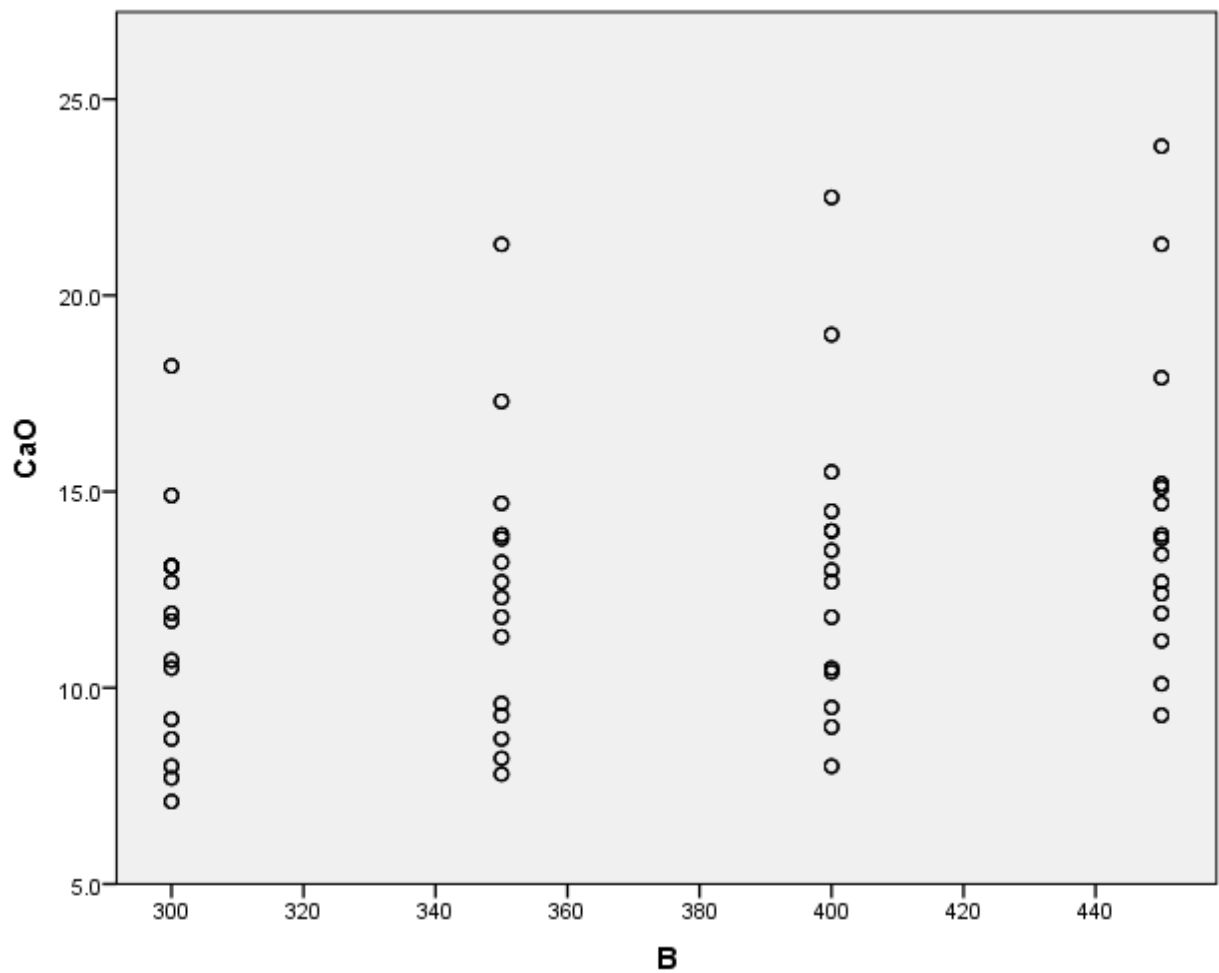
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=B CaO MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: B=col(source(s), name("B"))
  DATA: CaO=col(source(s), name("CaO"))
  GUIDE: axis(dim(1), label("B"))
  GUIDE: axis(dim(2), label("CaO"))
  ELEMENT: point(position(B*CaO))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=B Kacc MISSING=LISTWISE

REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

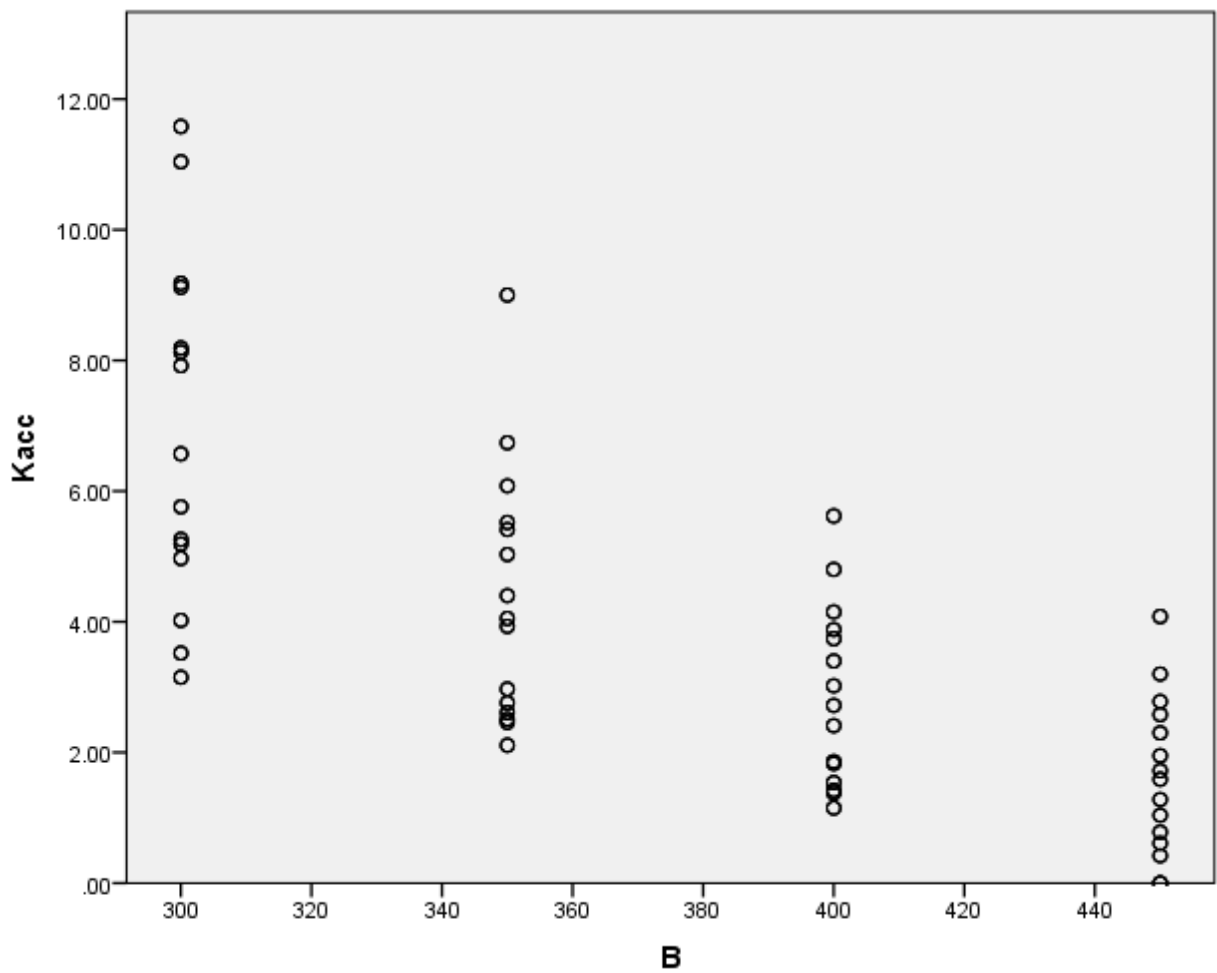
```

SOURCE: s=userSource(id("graphdataset"))
DATA: B=col(source(s), name("B"))
DATA: Kacc=col(source(s), name("Kacc"))
GUIDE: axis(dim(1), label("B"))
GUIDE: axis(dim(2), label("Kacc"))
ELEMENT: point(position(B*Kacc))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



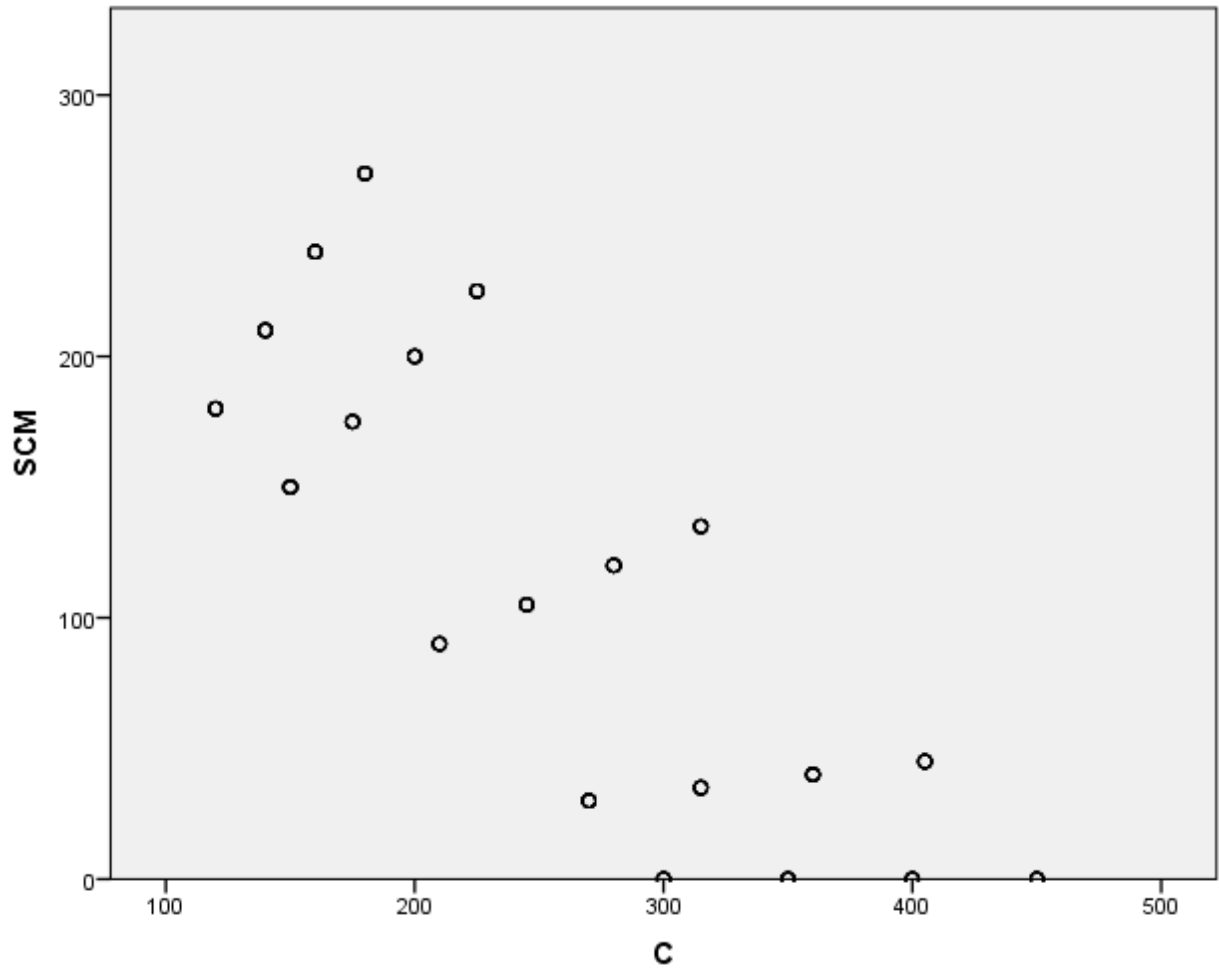
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=C SCM MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: C=col(source(s), name("C"))
  DATA: SCM=col(source(s), name("SCM"))
  GUIDE: axis(dim(1), label("C"))
  GUIDE: axis(dim(2), label("SCM"))
  ELEMENT: point(position(C*SCM))
END GPL.

```

GGraph

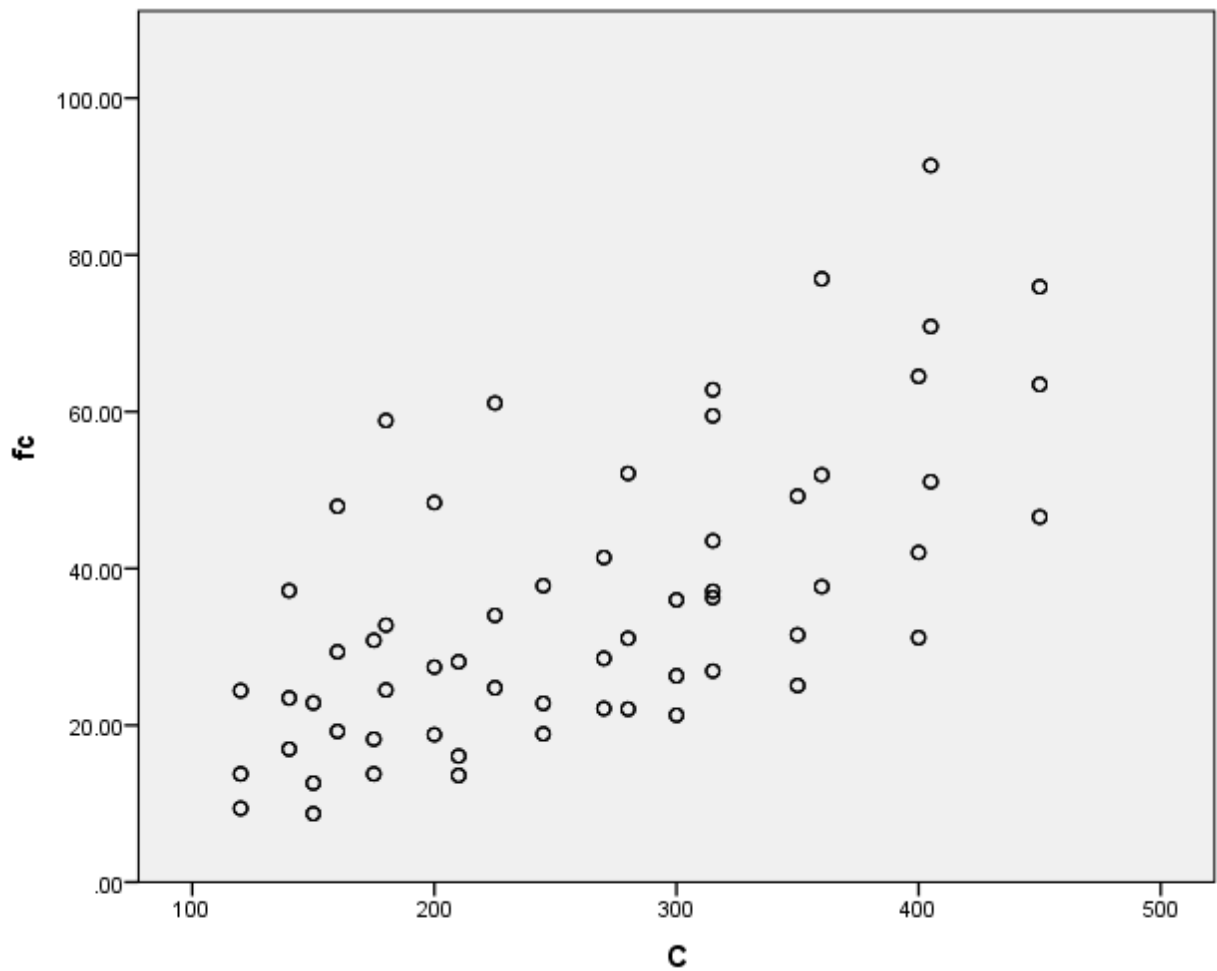
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=C fc MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: C=col(source(s), name("C"))
  DATA: fc=col(source(s), name("fc"))
  GUIDE: axis(dim(1), label("C"))
  GUIDE: axis(dim(2), label("fc"))
  ELEMENT: point(position(C*fc))
END GPL.
```

GGraph

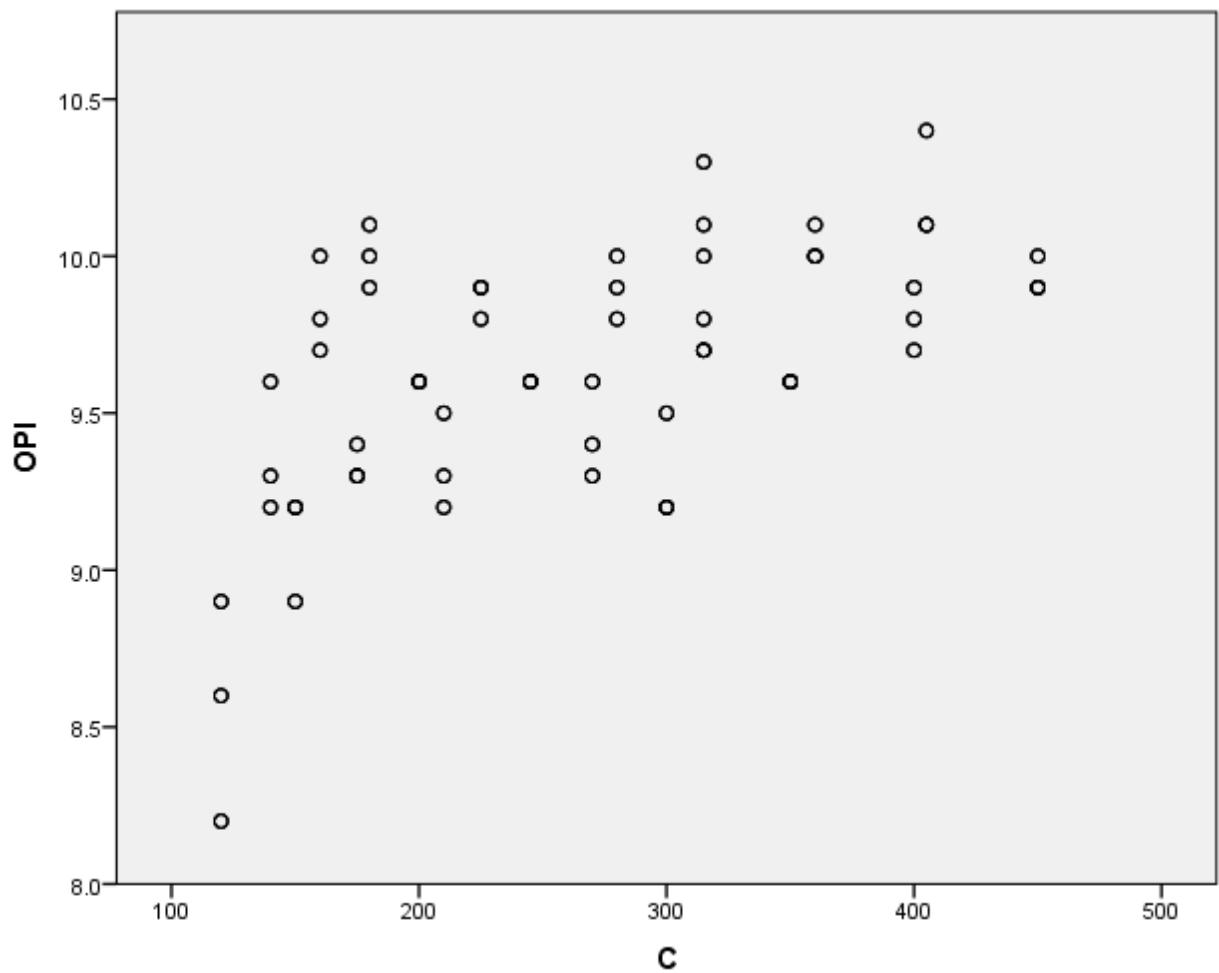
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=C OPI MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: C=col(source(s), name("C"))
  DATA: OPI=col(source(s), name("OPI"))
  GUIDE: axis(dim(1), label("C"))
  GUIDE: axis(dim(2), label("OPI"))
  ELEMENT: point(position(C*OPI))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=C WS MISSING=LISTWISE

REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

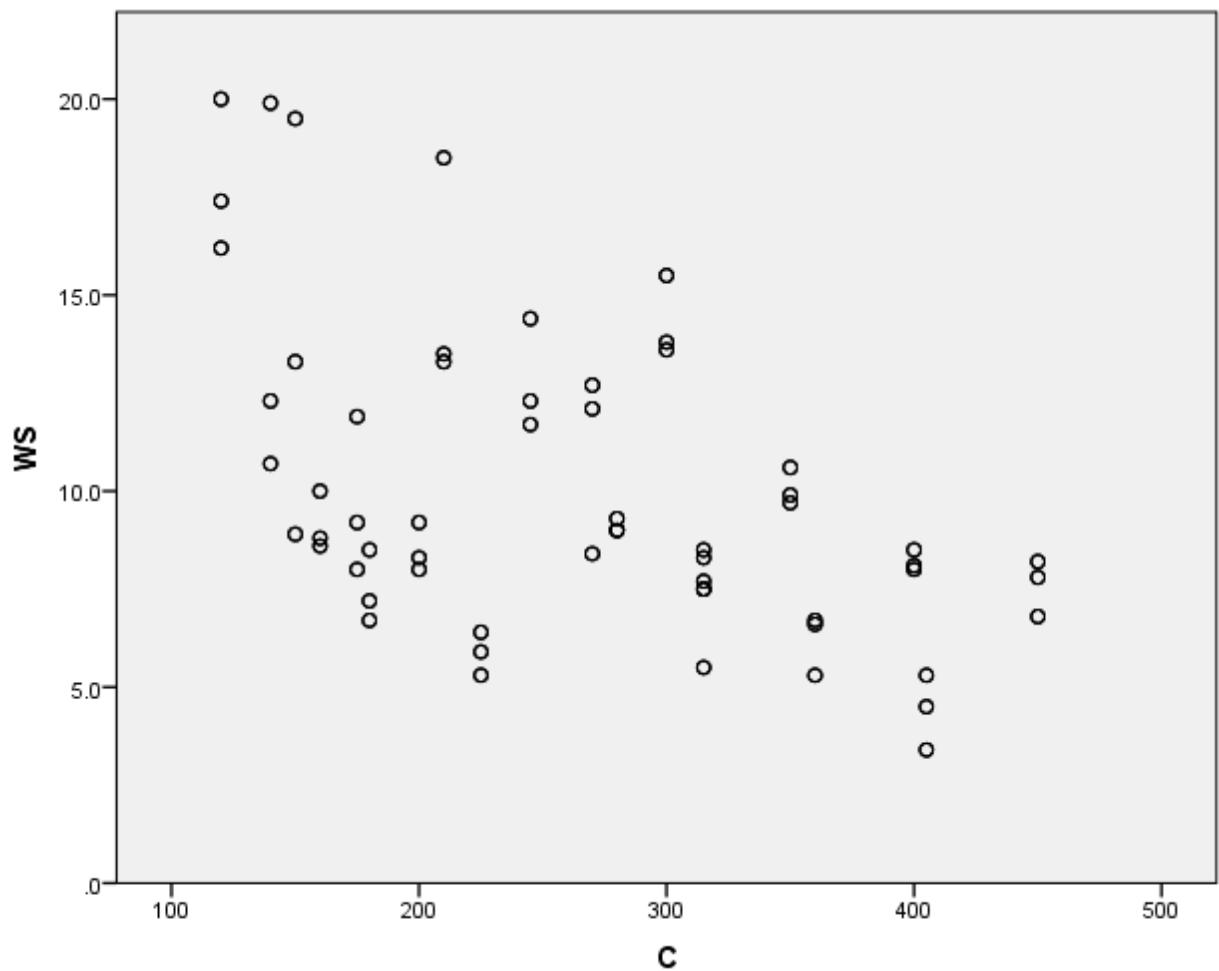
```

SOURCE: s=userSource(id("graphdataset"))
DATA: C=col(source(s), name("C"))
DATA: WS=col(source(s), name("WS"))
GUIDE: axis(dim(1), label("C"))
GUIDE: axis(dim(2), label("WS"))
ELEMENT: point(position(C*WS))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



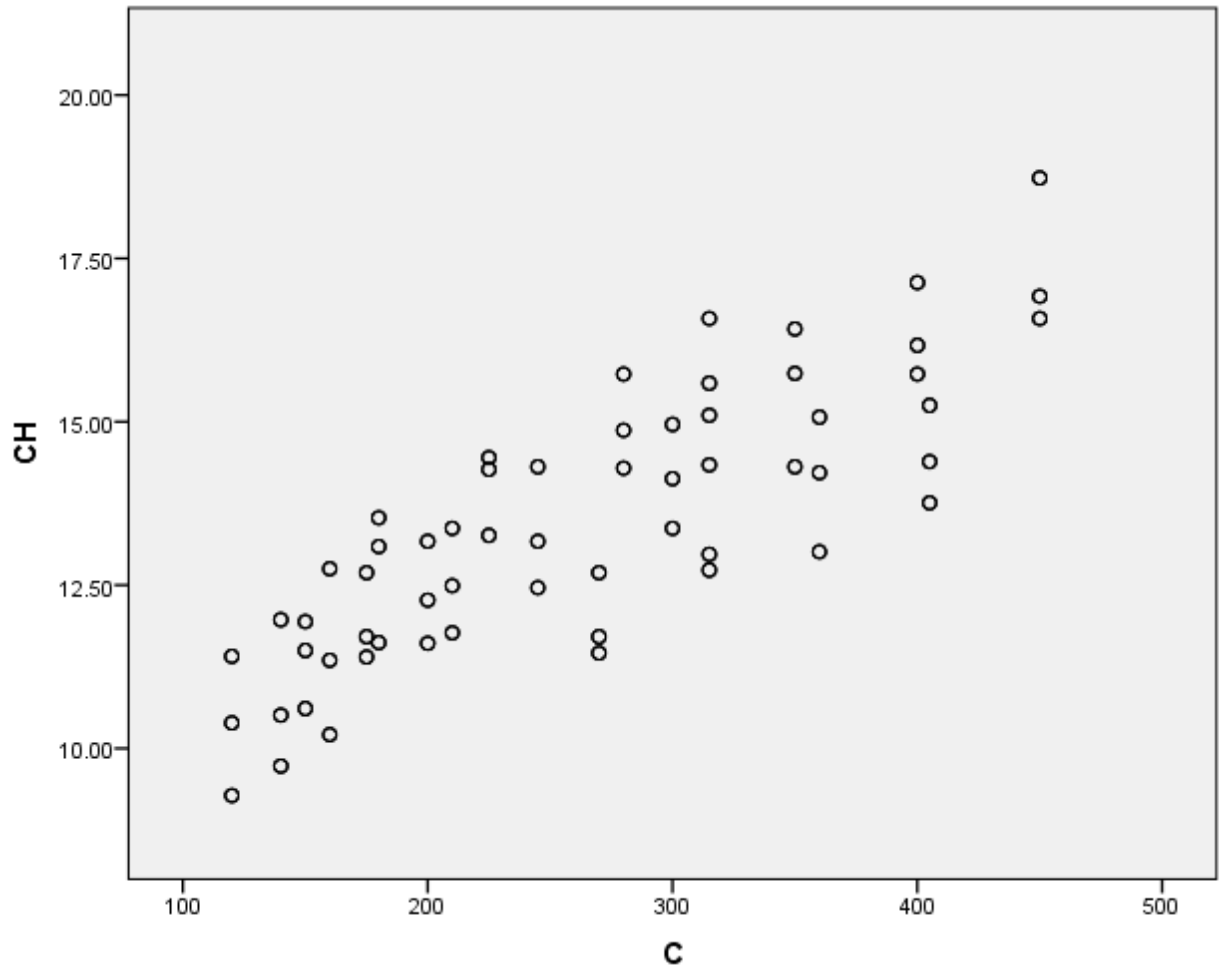
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=C CH MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: C=col(source(s), name("C"))
  DATA: CH=col(source(s), name("CH"))
  GUIDE: axis(dim(1), label("C"))
  GUIDE: axis(dim(2), label("CH"))
  ELEMENT: point(position(C*CH))
END GPL.

```

GGraph

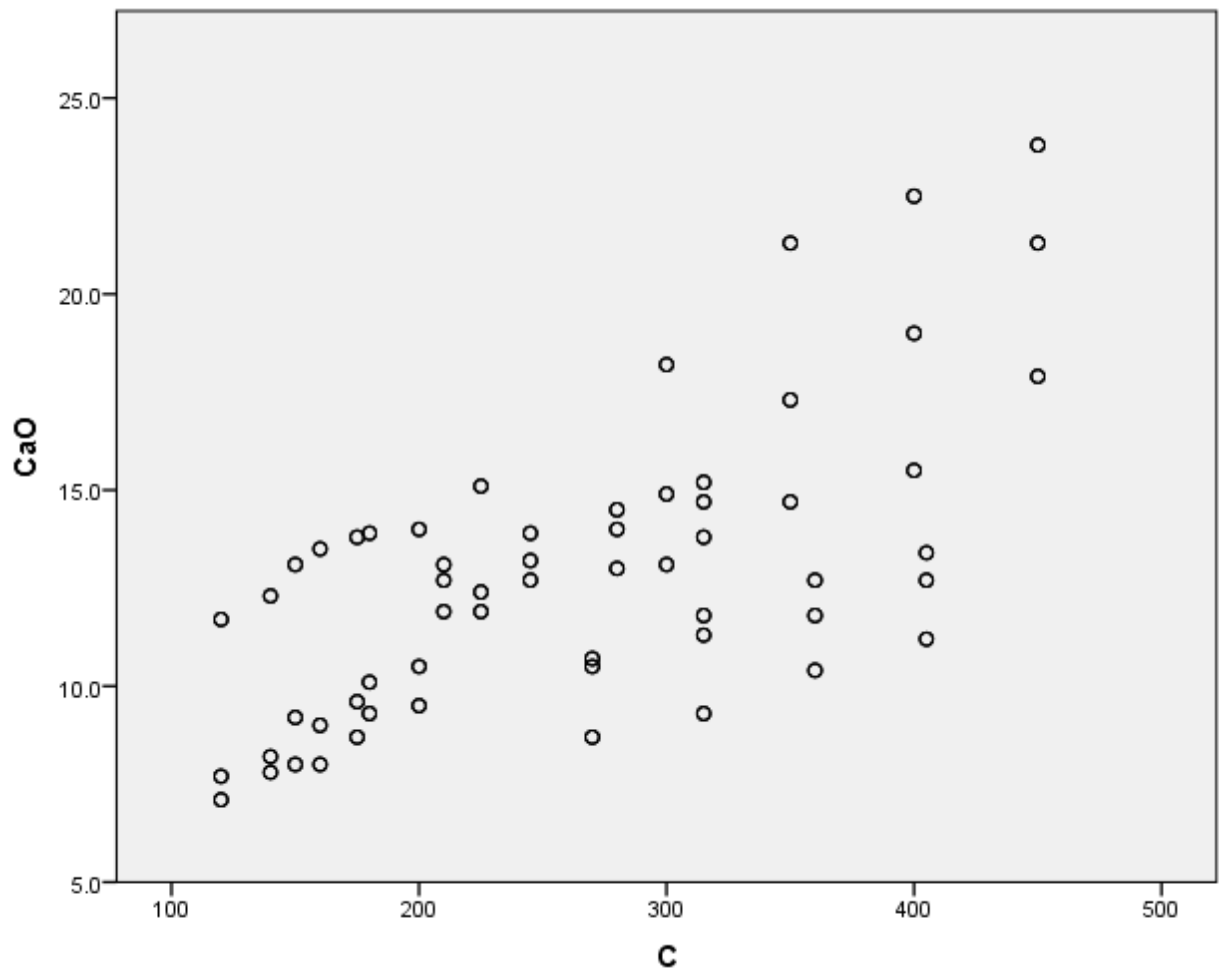
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=C CaO MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: C=col(source(s), name("C"))
  DATA: CaO=col(source(s), name("CaO"))
  GUIDE: axis(dim(1), label("C"))
  GUIDE: axis(dim(2), label("CaO"))
  ELEMENT: point(position(C*CaO))
END GPL.
```

GGraph

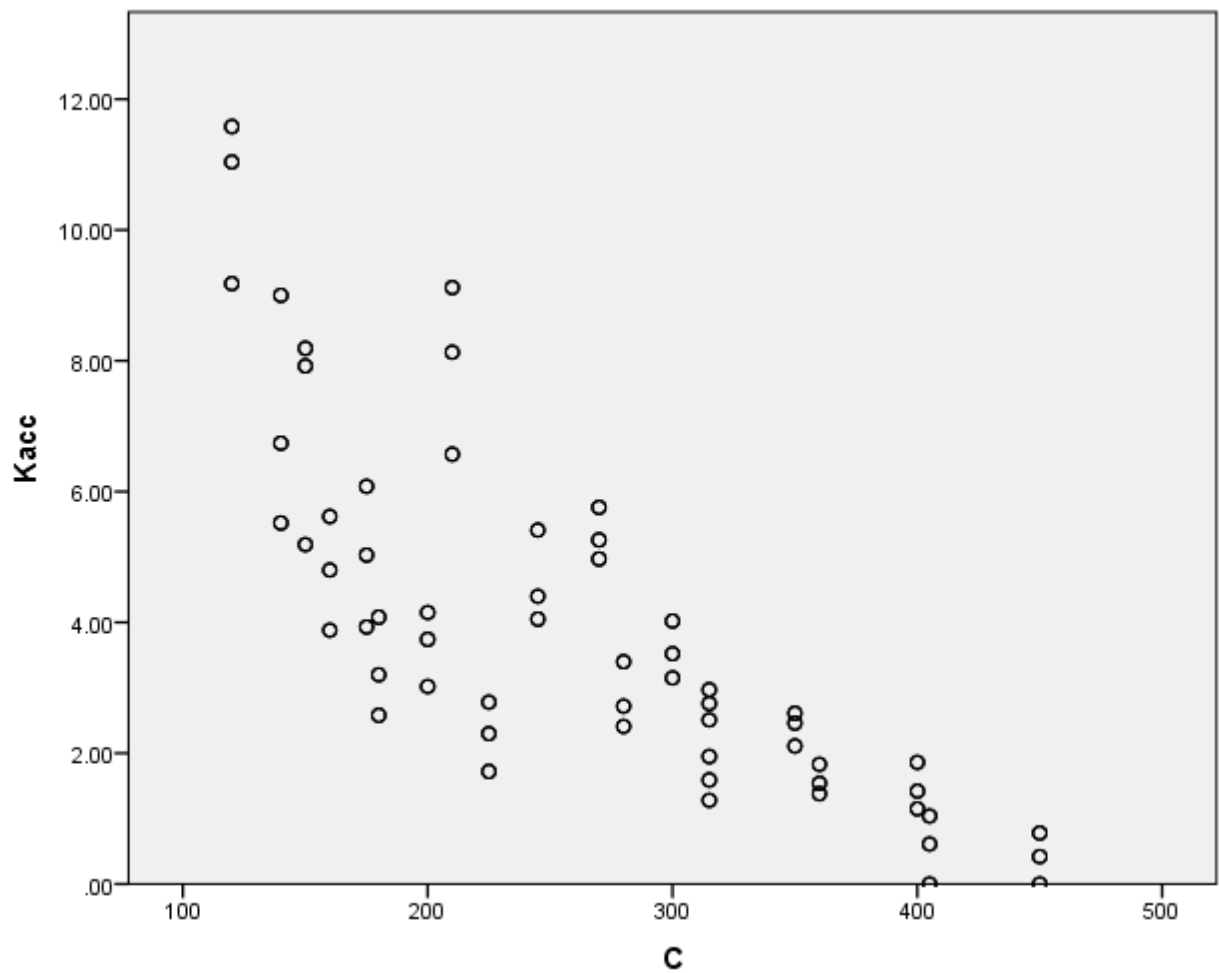
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=C Kacc MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: C=col(source(s), name("C"))
  DATA: Kacc=col(source(s), name("Kacc"))
  GUIDE: axis(dim(1), label("C"))
  GUIDE: axis(dim(2), label("Kacc"))
  ELEMENT: point(position(C*Kacc))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=SCM fc MISSING=LISTWISE

REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

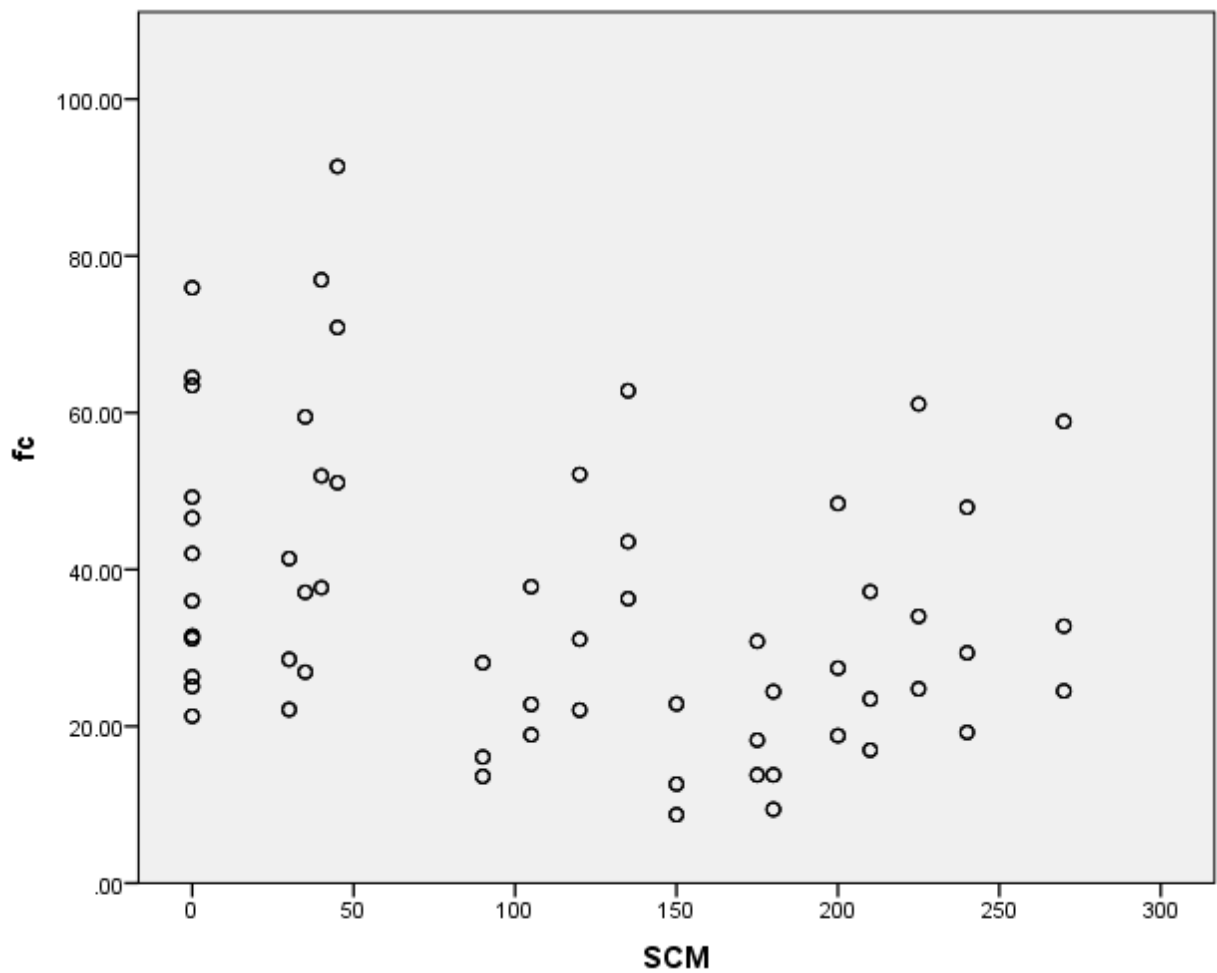
```

SOURCE: s=userSource(id("graphdataset"))
DATA: SCM=col(source(s), name("SCM"))
DATA: fc=col(source(s), name("fc"))
GUIDE: axis(dim(1), label("SCM"))
GUIDE: axis(dim(2), label("fc"))
ELEMENT: point(position(SCM*fc))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



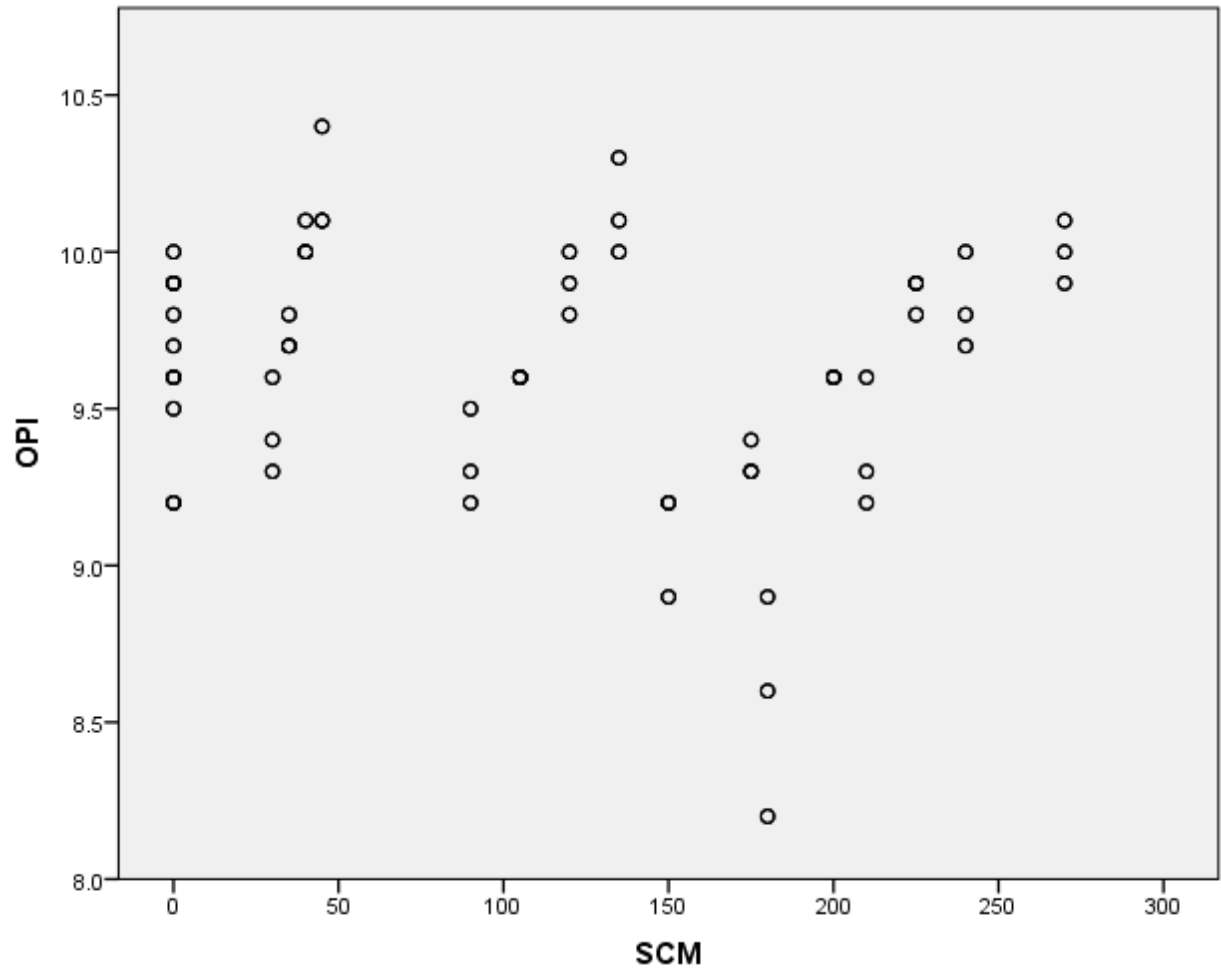
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=SCM OPI MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: SCM=col(source(s), name("SCM"))
  DATA: OPI=col(source(s), name("OPI"))
  GUIDE: axis(dim(1), label("SCM"))
  GUIDE: axis(dim(2), label("OPI"))
  ELEMENT: point(position(SCM*OPI))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



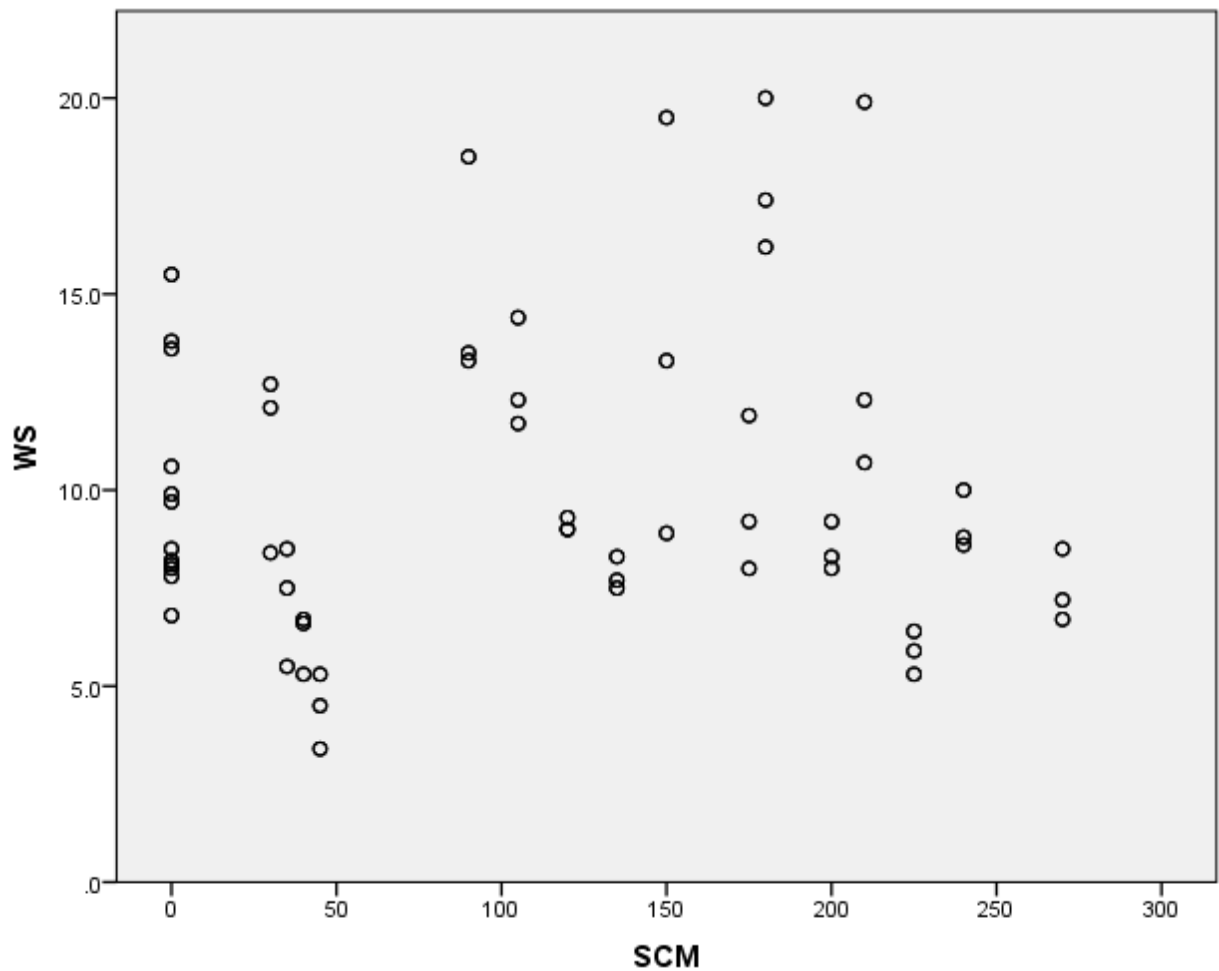
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=SCM WS MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: SCM=col(source(s), name("SCM"))
  DATA: WS=col(source(s), name("WS"))
  GUIDE: axis(dim(1), label("SCM"))
  GUIDE: axis(dim(2), label("WS"))
  ELEMENT: point(position(SCM*WS))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=SCM CH MISSING=LISTWISE
REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

SOURCE: s=userSource(id("graphdataset"))

DATA: SCM=col(source(s), name("SCM"))

DATA: CH=col(source(s), name("CH"))

GUIDE: axis(dim(1), label("SCM"))

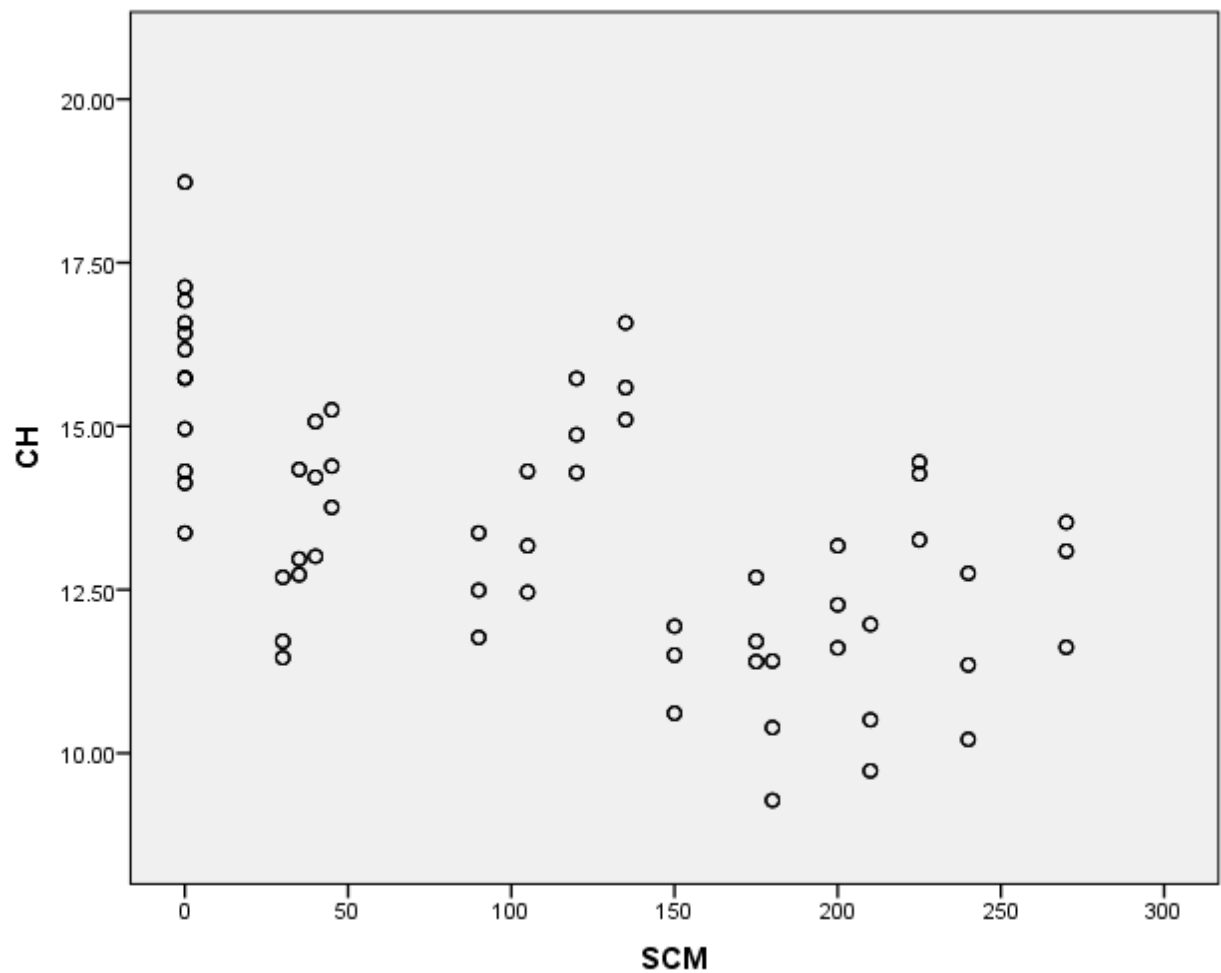
GUIDE: axis(dim(2), label("CH"))

ELEMENT: point(position(SCM*CH))

END GPL.

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.  
GGRAPH  
  /GRAPHDATASET NAME="graphdataset" VARIABLES=SCM CaO MISSING=LISTWISE  
  REPORTMISSING=NO  
  /GRAPHSPEC SOURCE=INLINE.  
BEGIN GPL
```

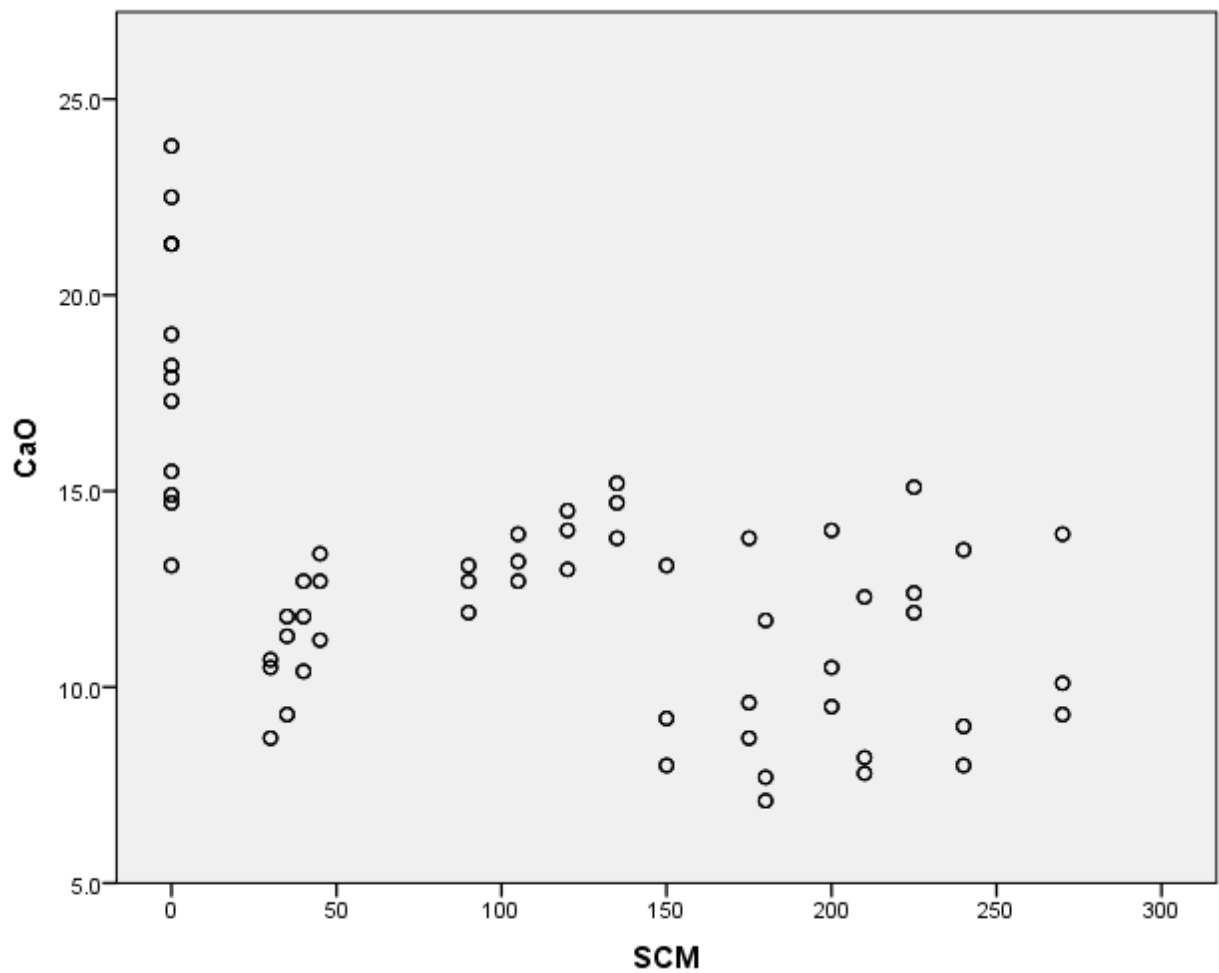
```

SOURCE: s=userSource(id("graphdataset"))
DATA: SCM=col(source(s), name("SCM"))
DATA: CaO=col(source(s), name("CaO"))
GUIDE: axis(dim(1), label("SCM"))
GUIDE: axis(dim(2), label("CaO"))
ELEMENT: point(position(SCM*CaO))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



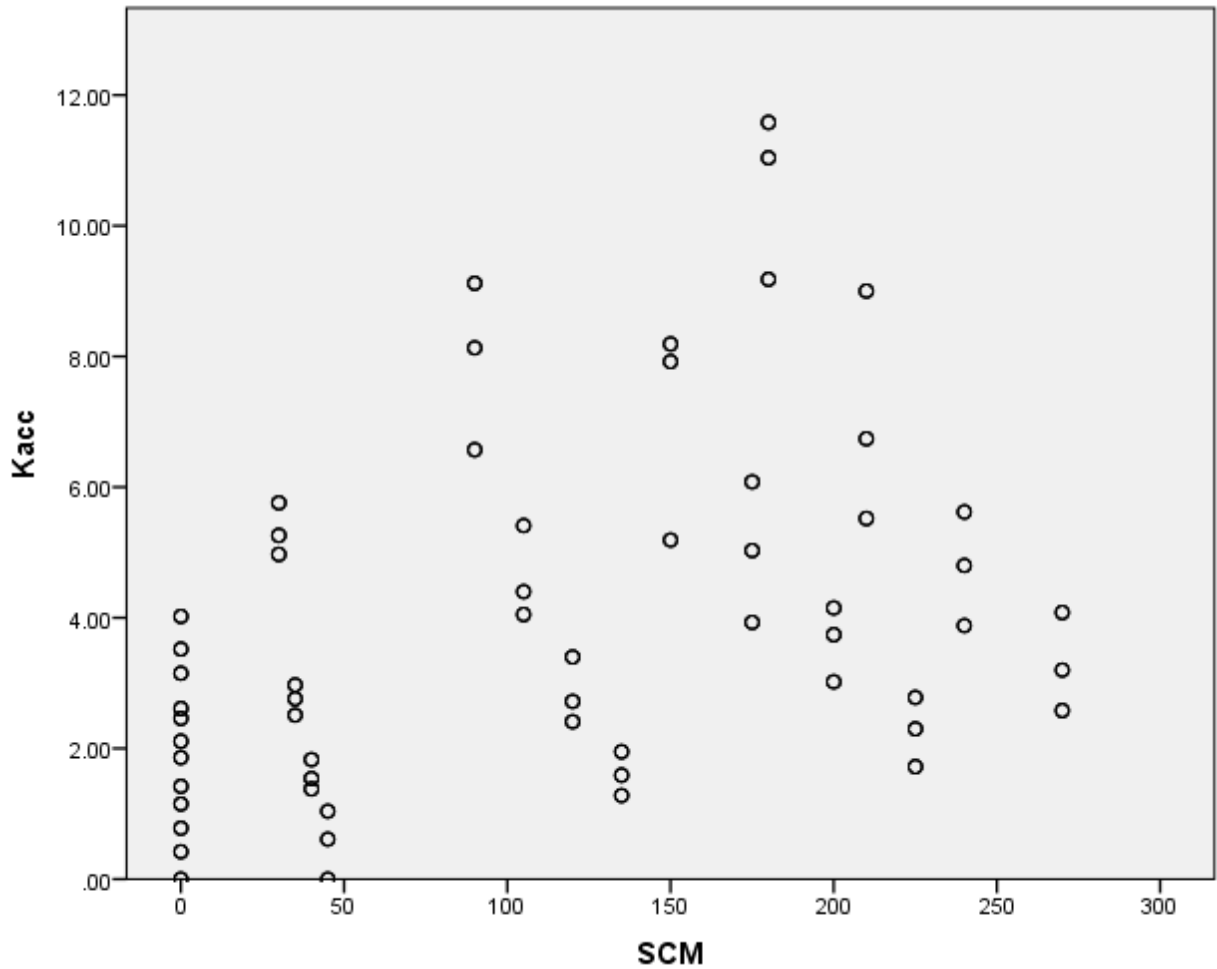
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=SCM Kacc MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: SCM=col(source(s), name("SCM"))
  DATA: Kacc=col(source(s), name("Kacc"))
  GUIDE: axis(dim(1), label("SCM"))
  GUIDE: axis(dim(2), label("Kacc"))
  ELEMENT: point(position(SCM*Kacc))
END GPL.

```

GGraph

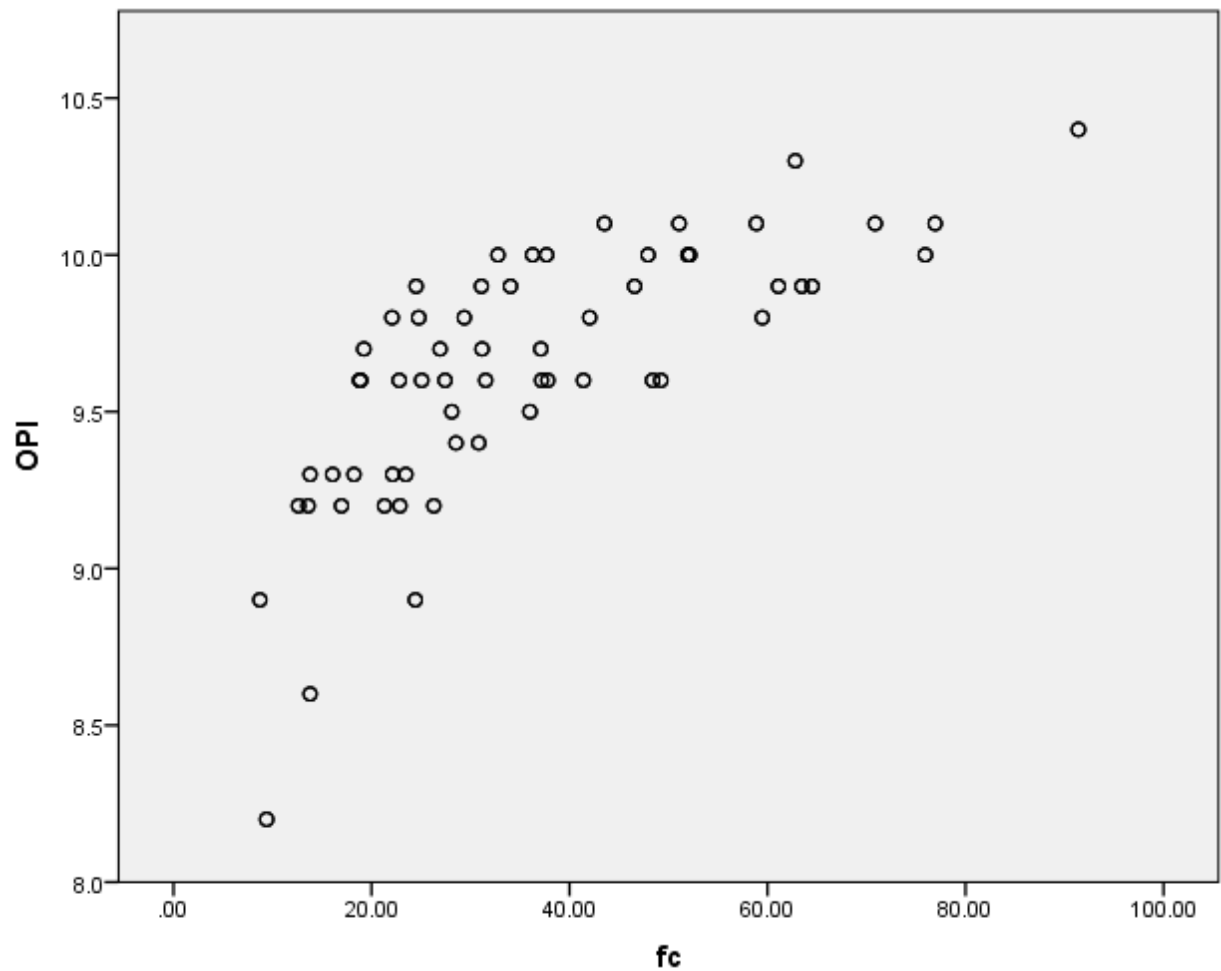
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=fc OPI MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: fc=col(source(s), name("fc"))
  DATA: OPI=col(source(s), name("OPI"))
  GUIDE: axis(dim(1), label("fc"))
  GUIDE: axis(dim(2), label("OPI"))
  ELEMENT: point(position(fc*OPI))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

 /GRAPHDATASET NAME="graphdataset" VARIABLES=fc WS MISSING=LISTWISE
REPORTMISSING=NO

 /GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

 SOURCE: s=userSource(id("graphdataset"))

 DATA: fc=col(source(s), name("fc"))

 DATA: WS=col(source(s), name("WS"))

 GUIDE: axis(dim(1), label("fc"))

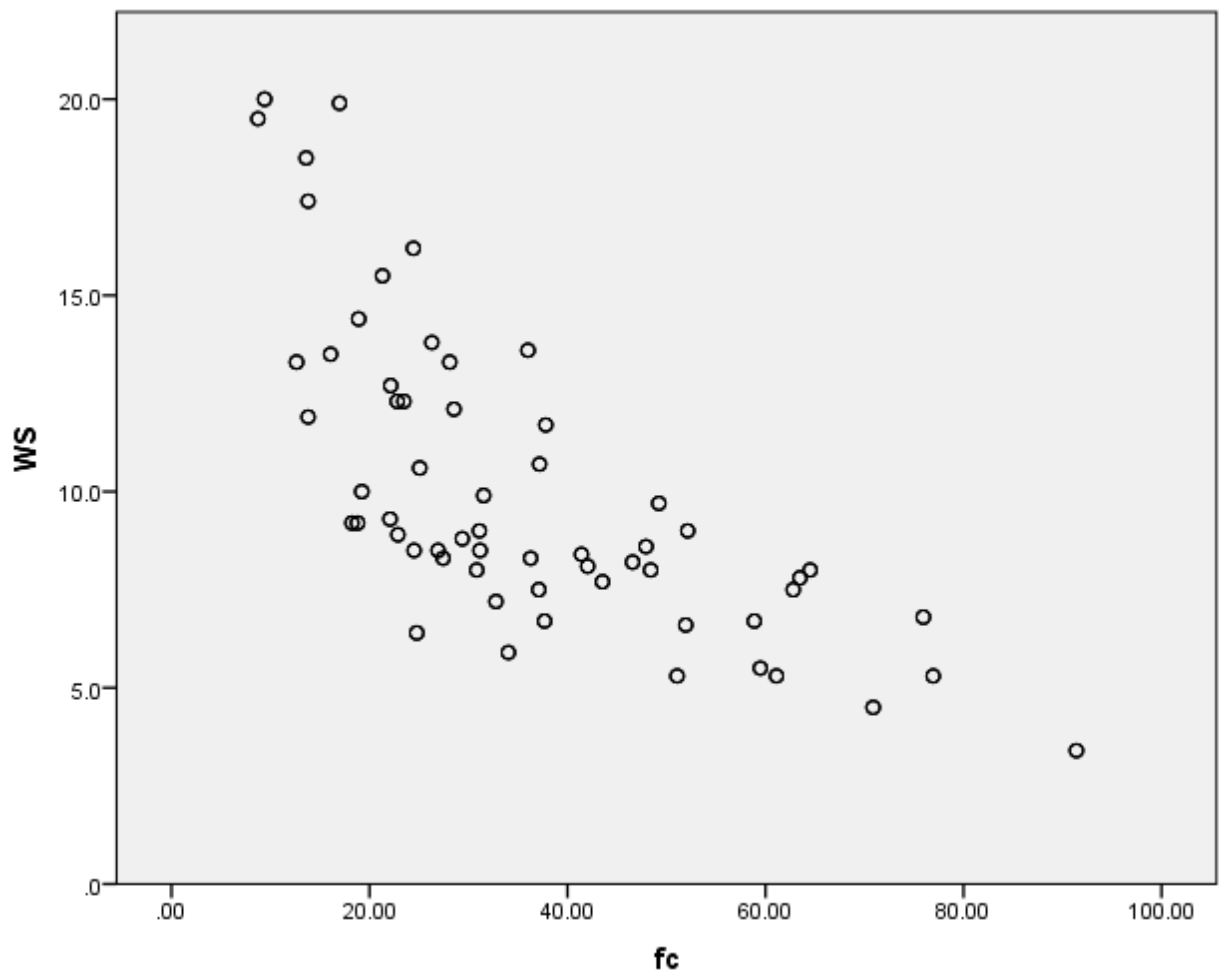
 GUIDE: axis(dim(2), label("WS"))

 ELEMENT: point(position(fc*WS))

END GPL.

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.  
GGRAPH  
  /GRAPHDATASET NAME="graphdataset" VARIABLES=fc CH MISSING=LISTWISE  
REPORTMISSING=NO  
  /GRAPHSPEC SOURCE=INLINE.  
BEGIN GPL
```

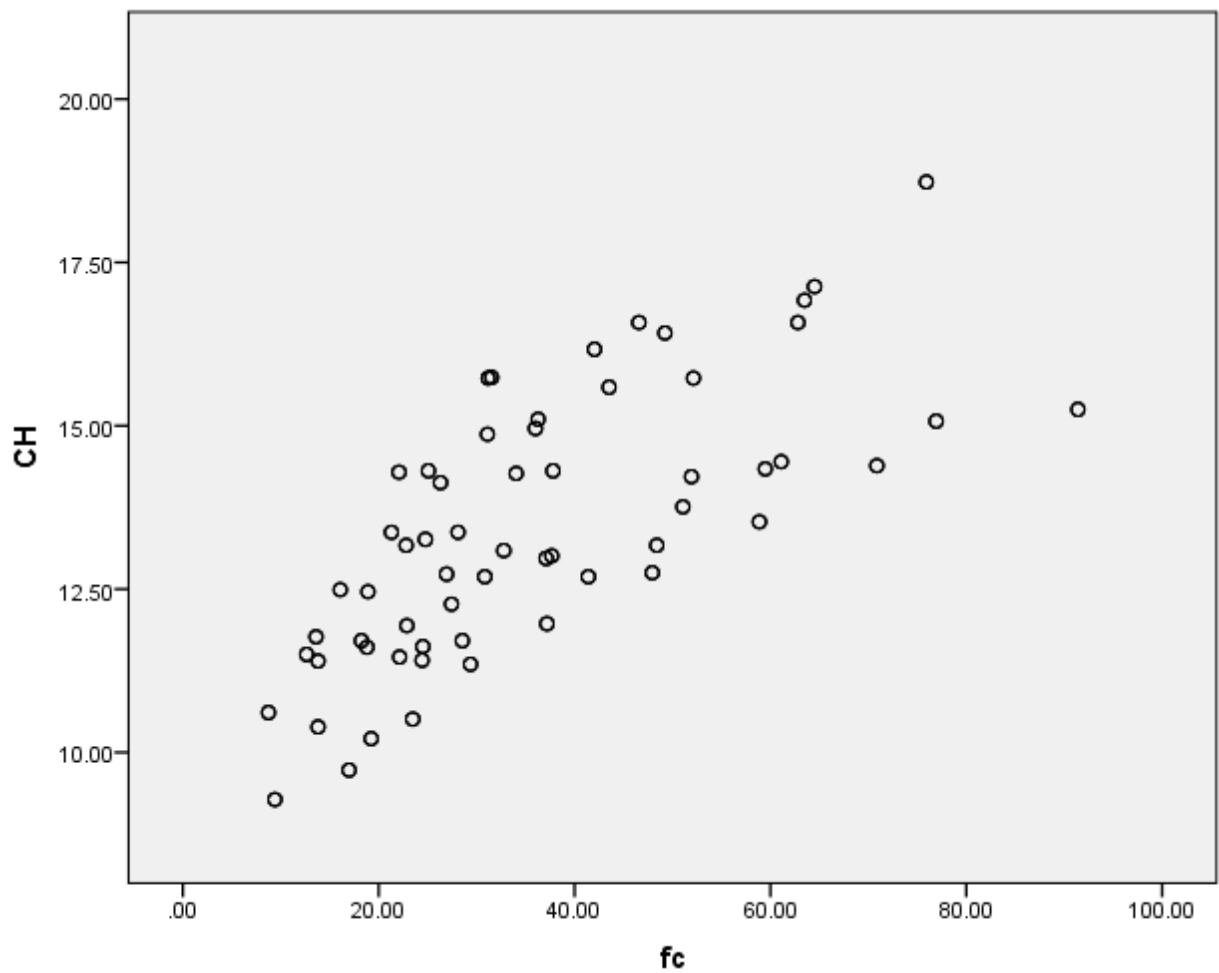
```

SOURCE: s=userSource(id("graphdataset"))
DATA: fc=col(source(s), name("fc"))
DATA: CH=col(source(s), name("CH"))
GUIDE: axis(dim(1), label("fc"))
GUIDE: axis(dim(2), label("CH"))
ELEMENT: point(position(fc*CH))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



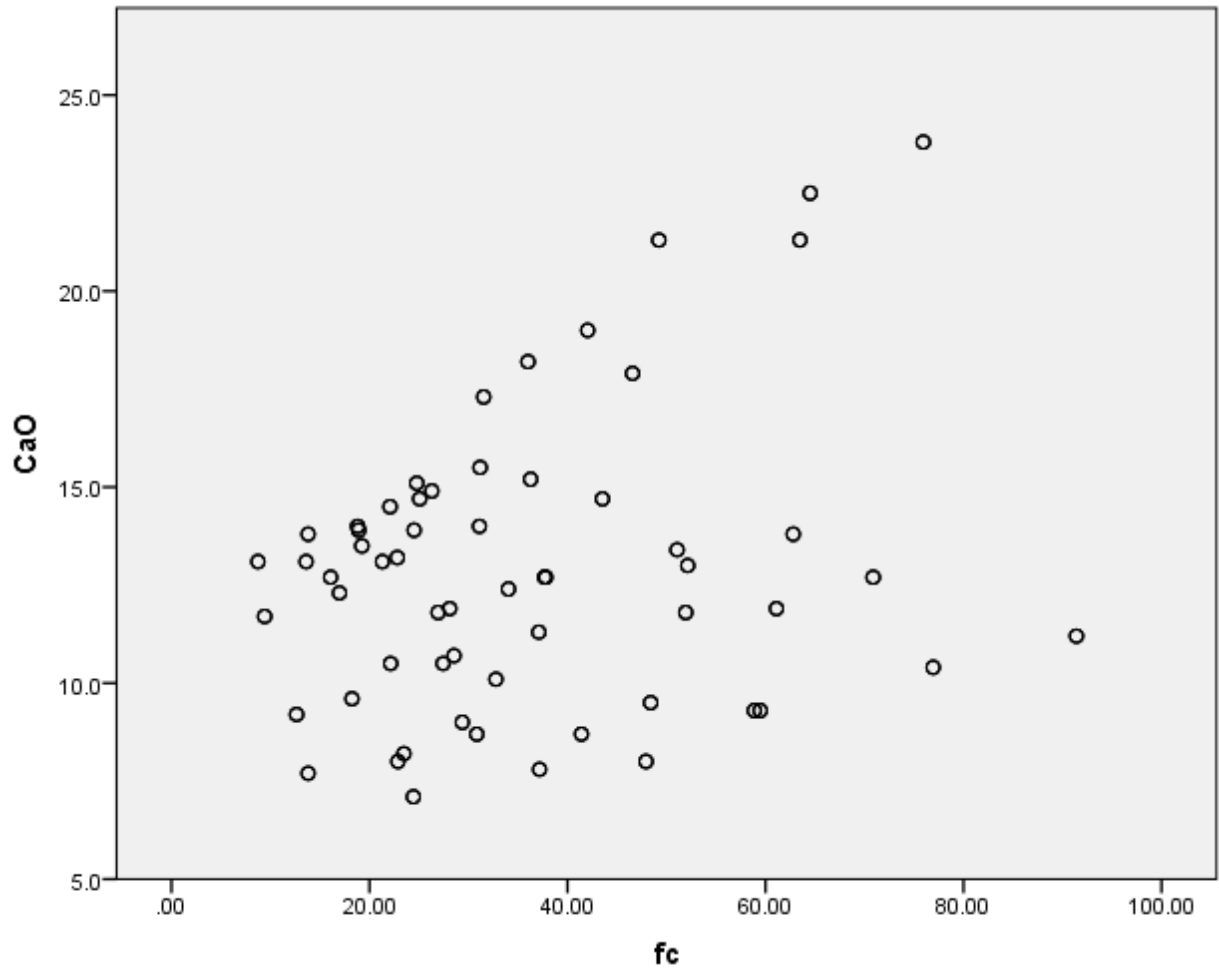
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=fc CaO MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: fc=col(source(s), name("fc"))
  DATA: CaO=col(source(s), name("CaO"))
  GUIDE: axis(dim(1), label("fc"))
  GUIDE: axis(dim(2), label("CaO"))
  ELEMENT: point(position(fc*CaO))
END GPL.

```

GGraph

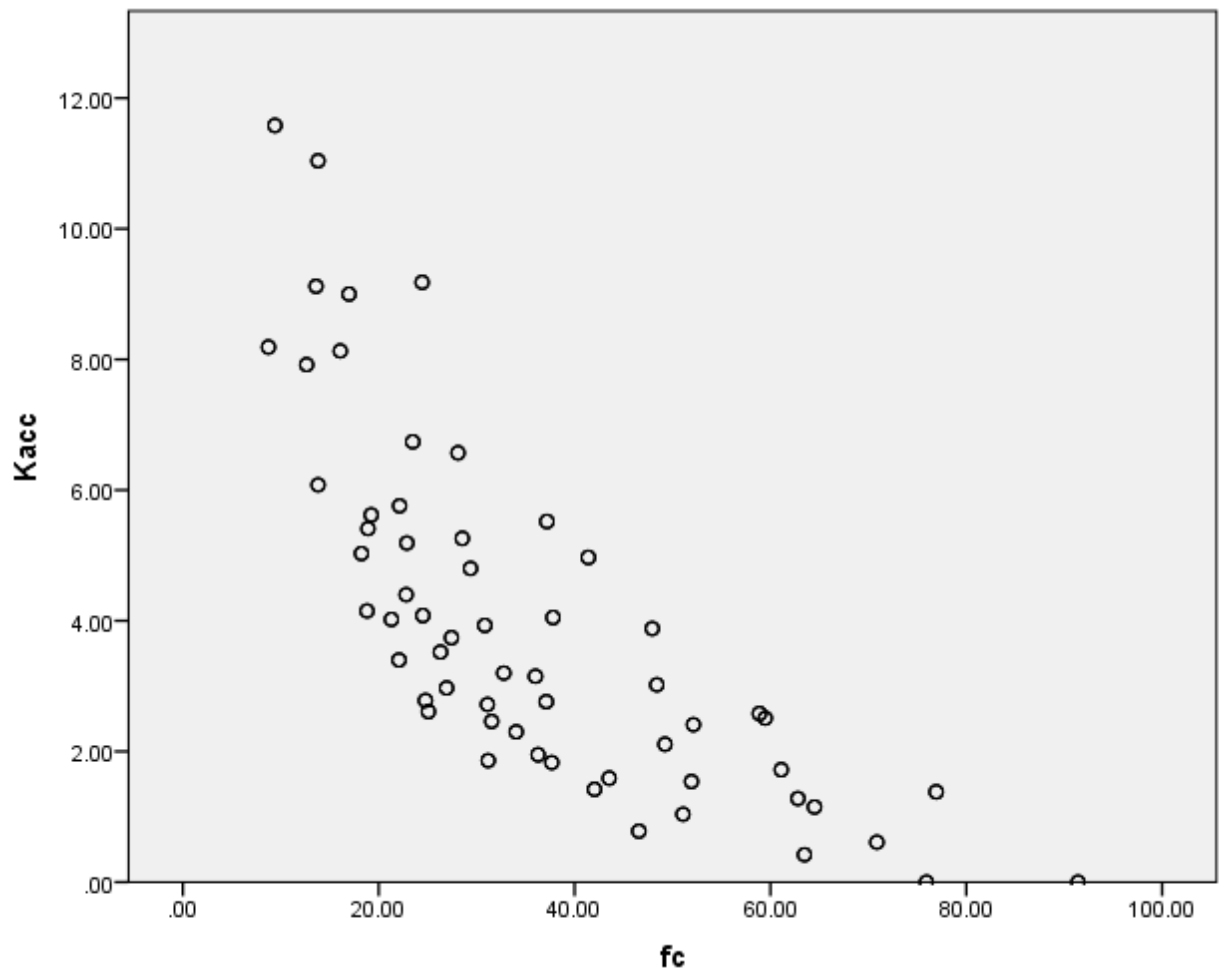
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=fc Kacc MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: fc=col(source(s), name("fc"))
  DATA: Kacc=col(source(s), name("Kacc"))
  GUIDE: axis(dim(1), label("fc"))
  GUIDE: axis(dim(2), label("Kacc"))
  ELEMENT: point(position(fc*Kacc))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=OPI WS MISSING=LISTWISE
REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

SOURCE: s=userSource(id("graphdataset"))

DATA: OPI=col(source(s), name("OPI"))

DATA: WS=col(source(s), name("WS"))

GUIDE: axis(dim(1), label("OPI"))

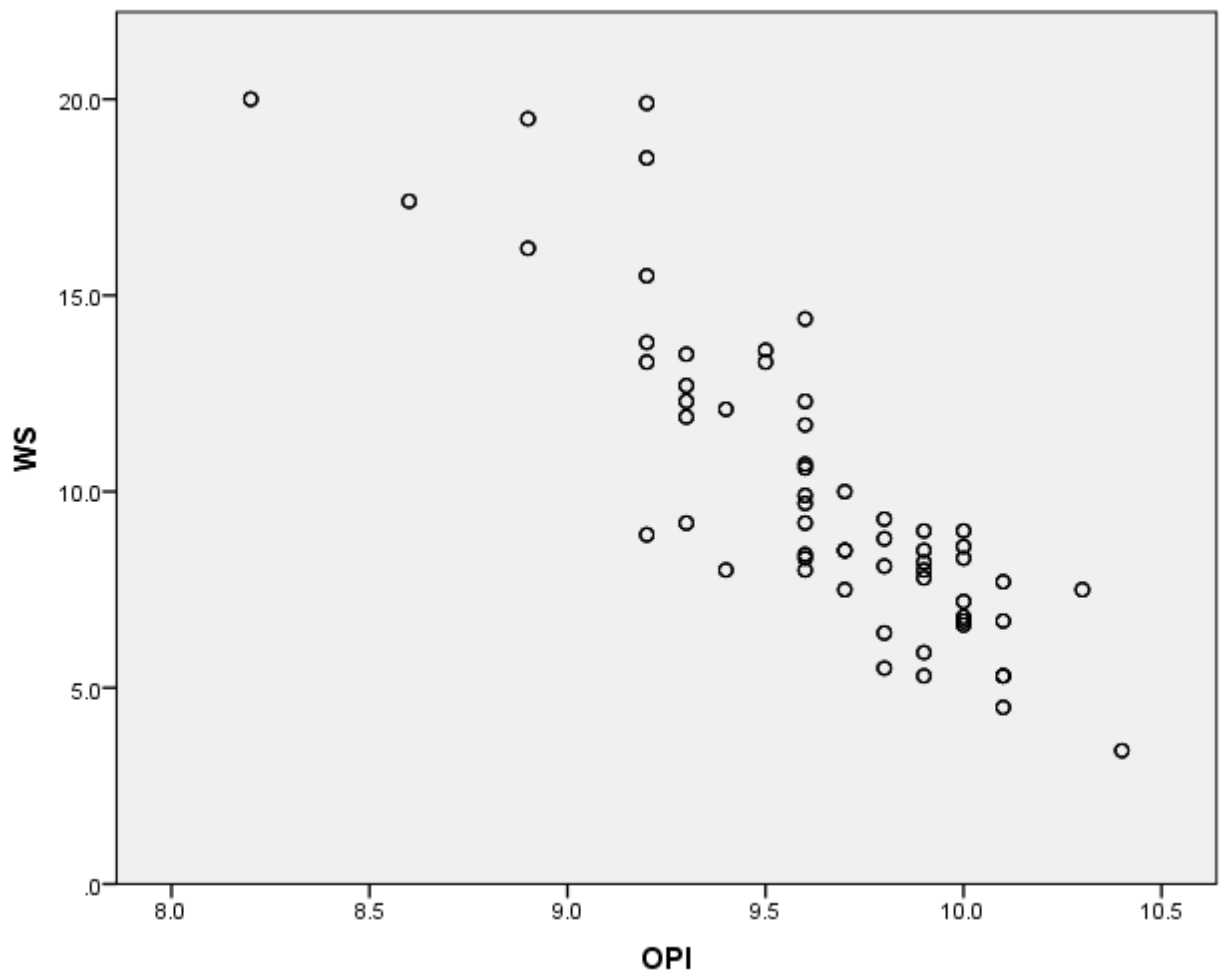
GUIDE: axis(dim(2), label("WS"))

ELEMENT: point(position(OPI*WS))

END GPL.

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.  
GGRAPH  
  /GRAPHDATASET NAME="graphdataset" VARIABLES=OPI CH MISSING=LISTWISE  
  REPORTMISSING=NO  
  /GRAPHSPEC SOURCE=INLINE.  
BEGIN GPL
```

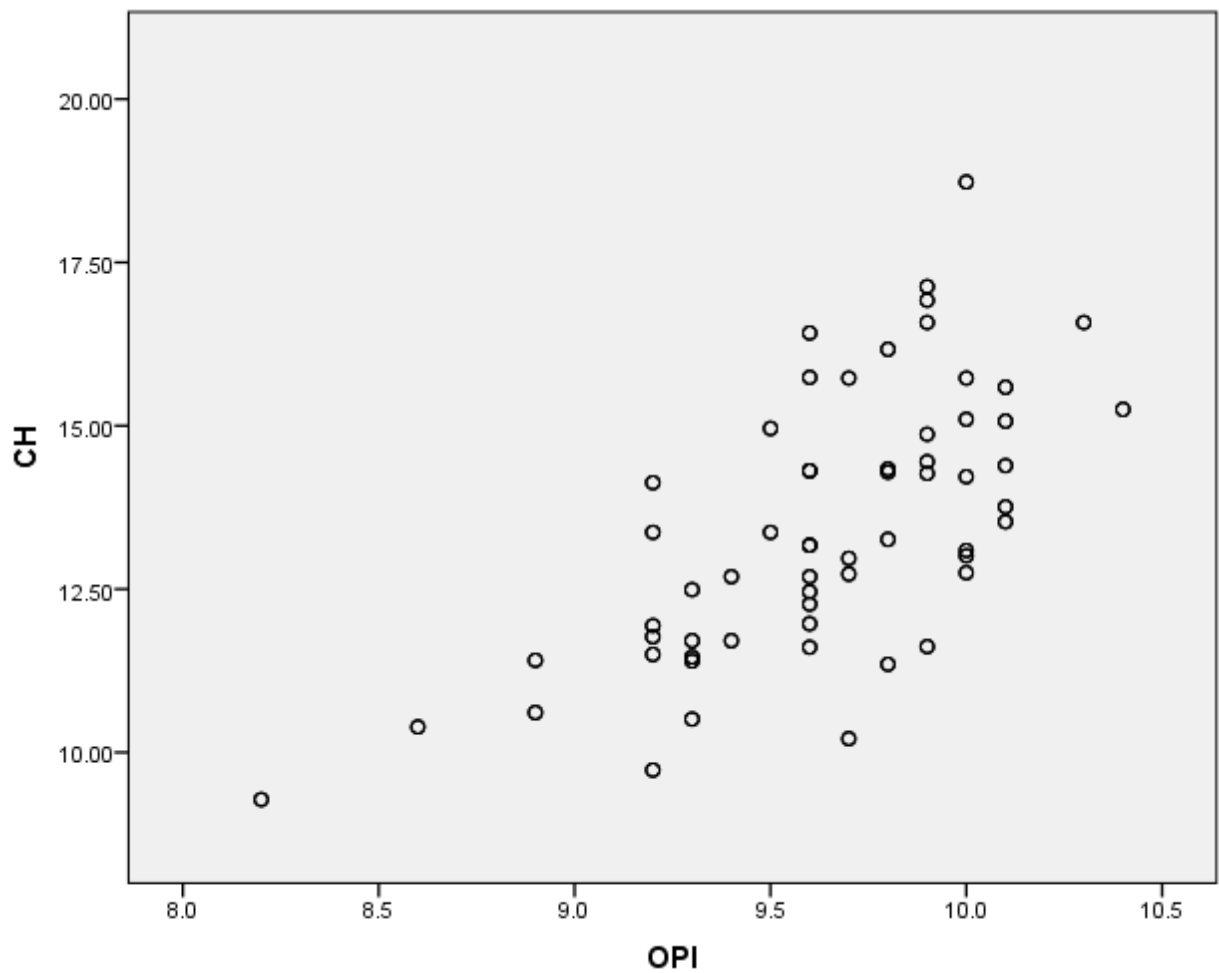
```

SOURCE: s=userSource(id("graphdataset"))
DATA: OPI=col(source(s), name("OPI"))
DATA: CH=col(source(s), name("CH"))
GUIDE: axis(dim(1), label("OPI"))
GUIDE: axis(dim(2), label("CH"))
ELEMENT: point(position(OPI*CH))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



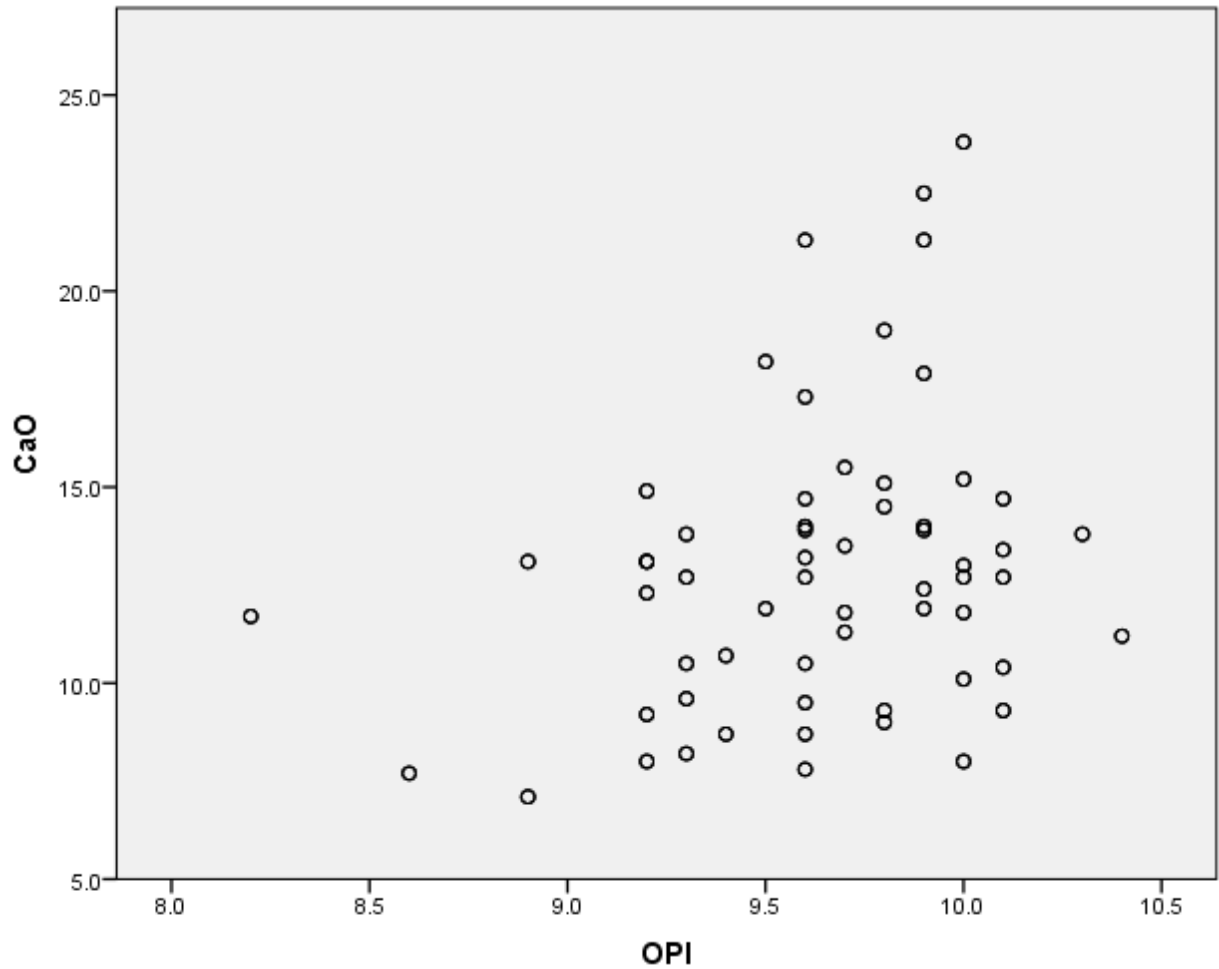
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=OPI CaO MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: OPI=col(source(s), name("OPI"))
  DATA: CaO=col(source(s), name("CaO"))
  GUIDE: axis(dim(1), label("OPI"))
  GUIDE: axis(dim(2), label("CaO"))
  ELEMENT: point(position(OPI*CaO))
END GPL.

```

GGraph

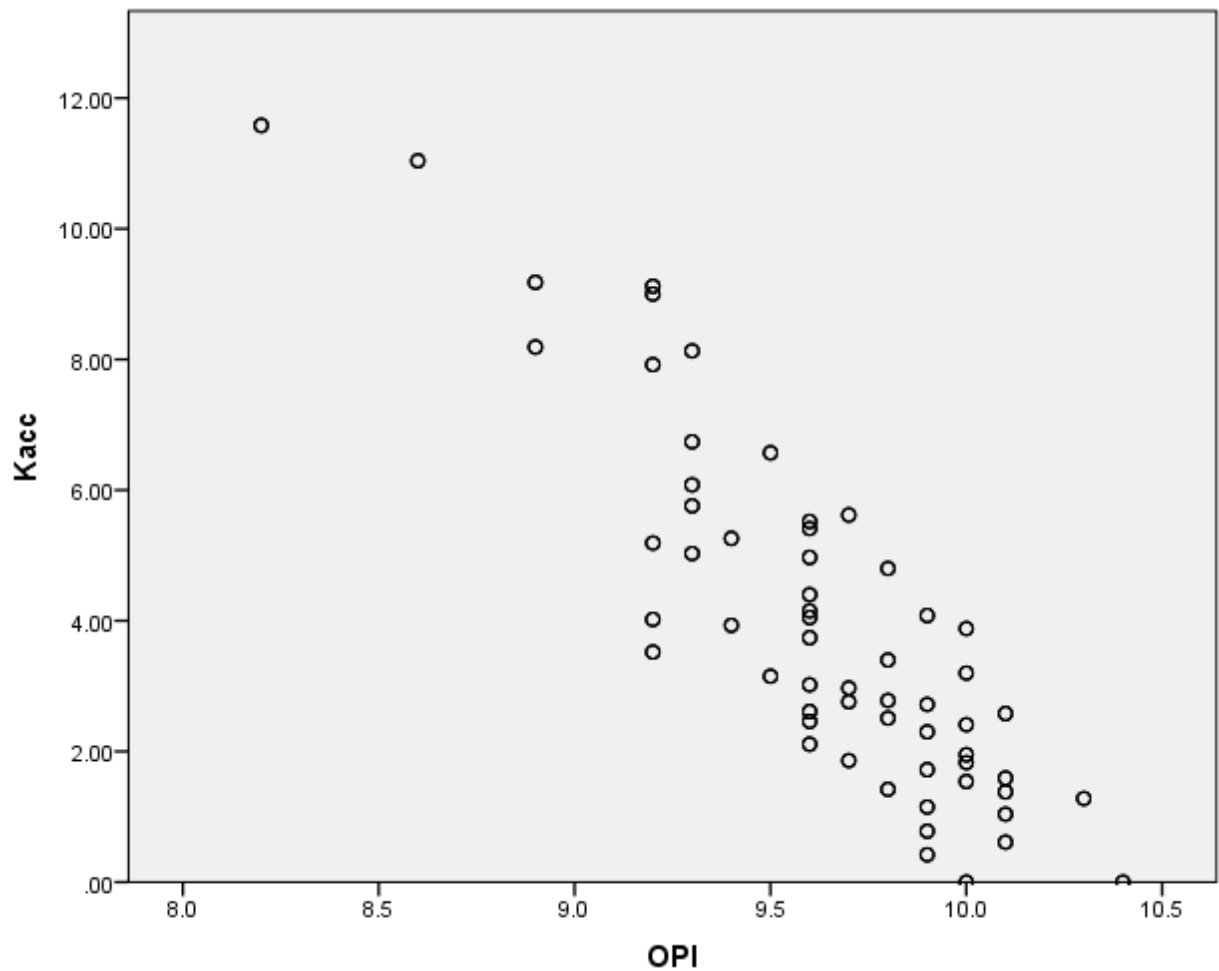
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=OPI Kacc MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: OPI=col(source(s), name("OPI"))
  DATA: Kacc=col(source(s), name("Kacc"))
  GUIDE: axis(dim(1), label("OPI"))
  GUIDE: axis(dim(2), label("Kacc"))
  ELEMENT: point(position(OPI*Kacc))
END GPL.
```

GGraph

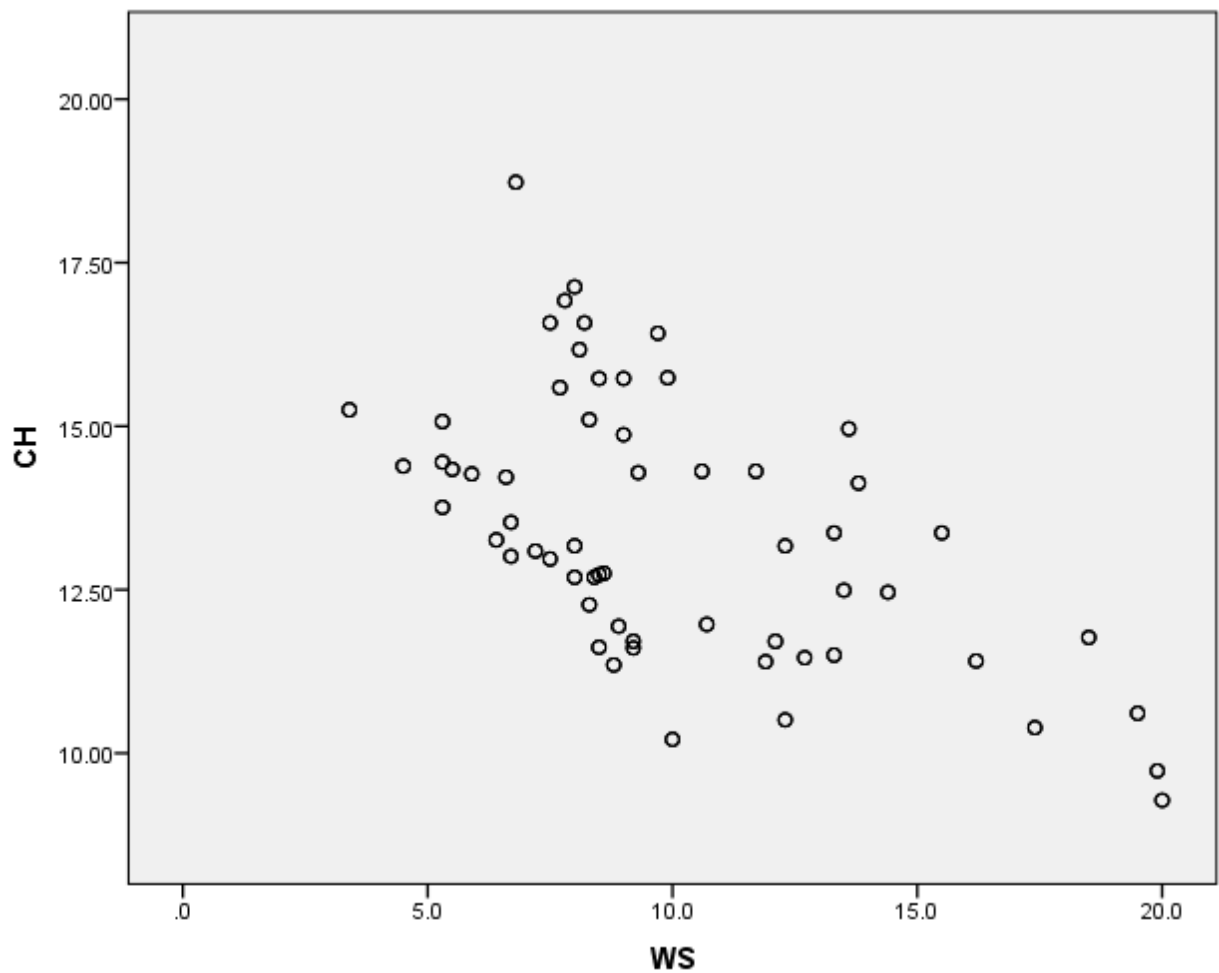
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=WS CH MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: WS=col(source(s), name("WS"))
  DATA: CH=col(source(s), name("CH"))
  GUIDE: axis(dim(1), label("WS"))
  GUIDE: axis(dim(2), label("CH"))
  ELEMENT: point(position(WS*CH))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=WS CaO MISSING=LISTWISE
REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

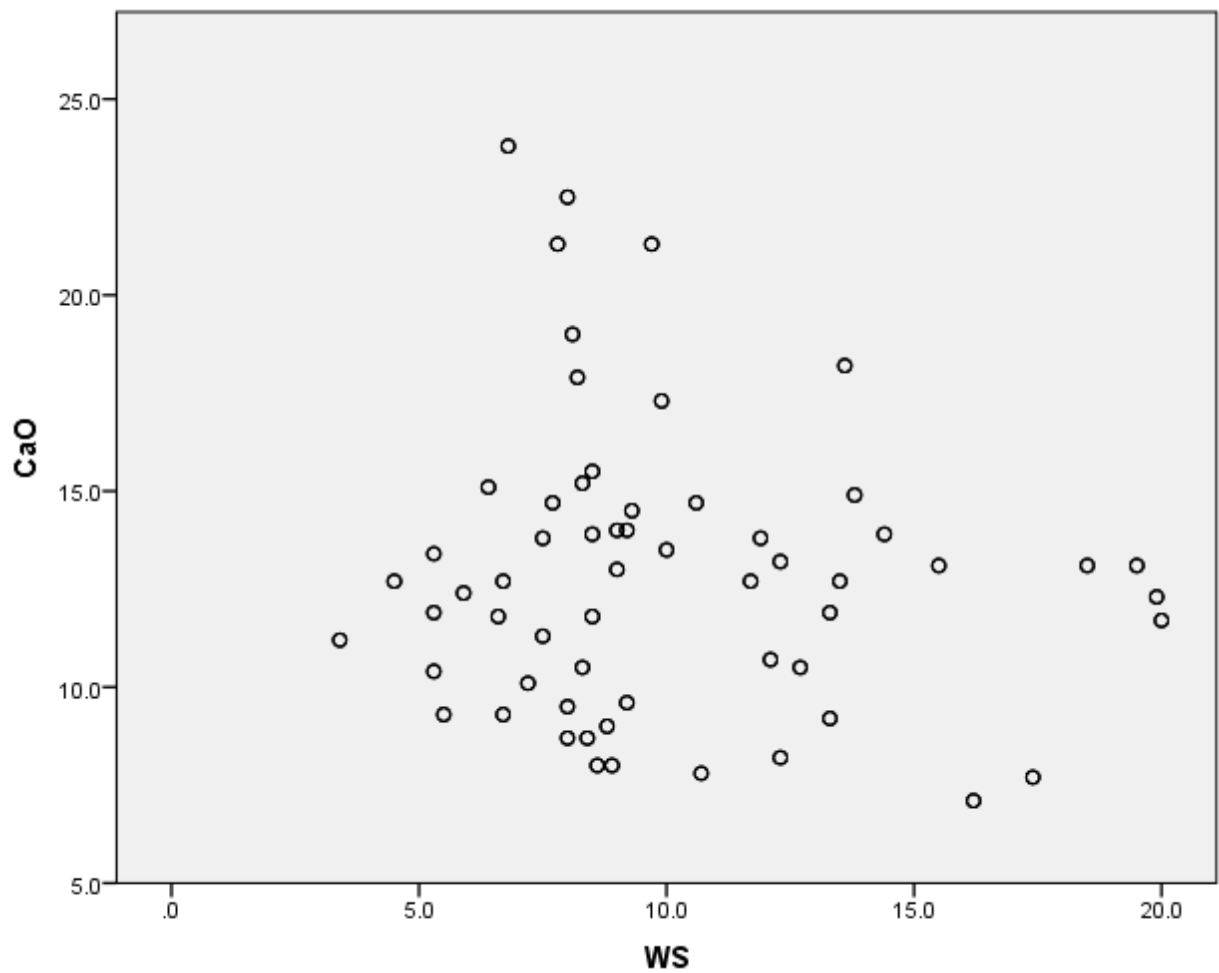
```

SOURCE: s=userSource(id("graphdataset"))
DATA: WS=col(source(s), name("WS"))
DATA: CaO=col(source(s), name("CaO"))
GUIDE: axis(dim(1), label("WS"))
GUIDE: axis(dim(2), label("CaO"))
ELEMENT: point(position(WS*CaO))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



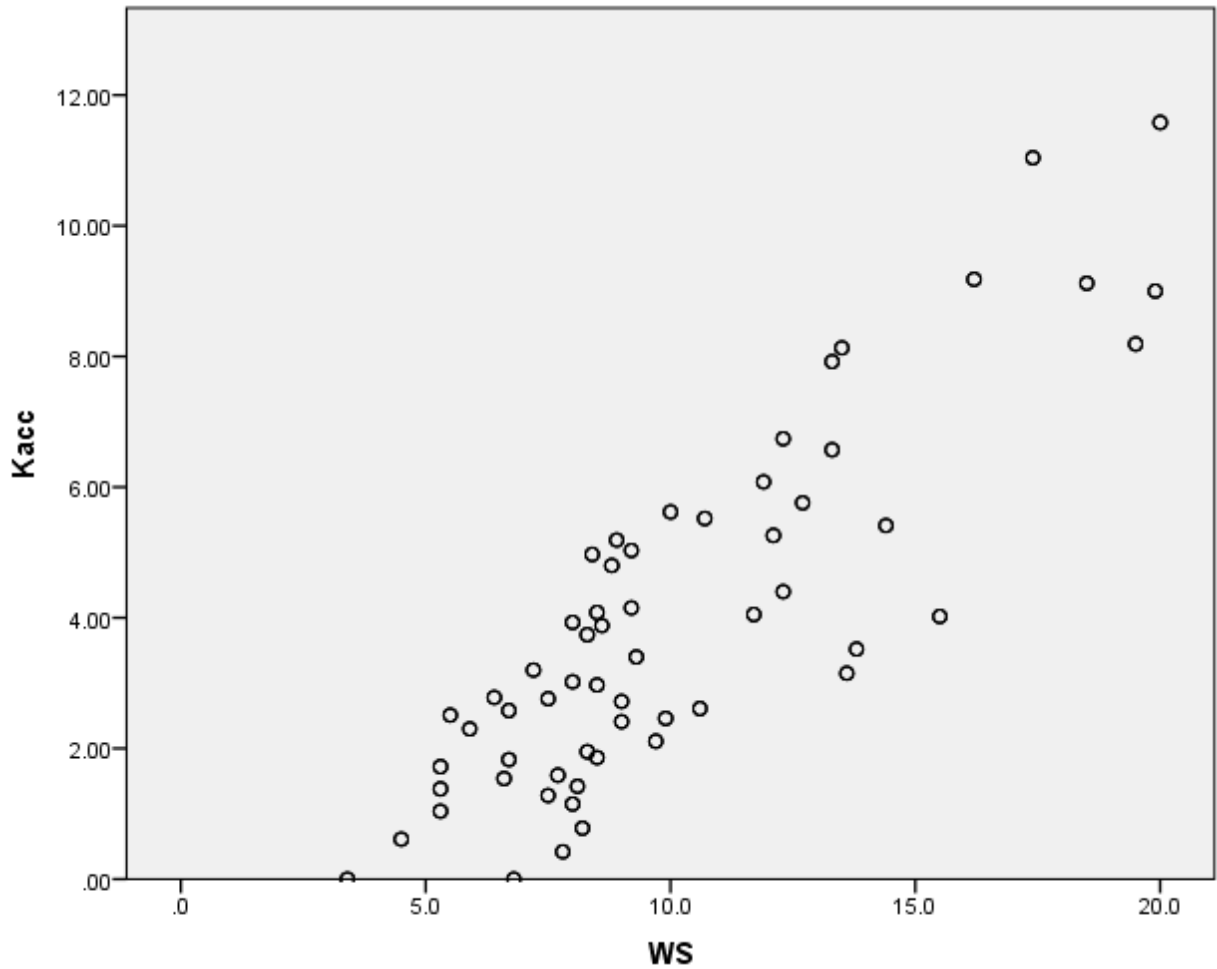
```

* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=WS Kacc MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: WS=col(source(s), name("WS"))
  DATA: Kacc=col(source(s), name("Kacc"))
  GUIDE: axis(dim(1), label("WS"))
  GUIDE: axis(dim(2), label("Kacc"))
  ELEMENT: point(position(WS*Kacc))
END GPL.

```

GGraph

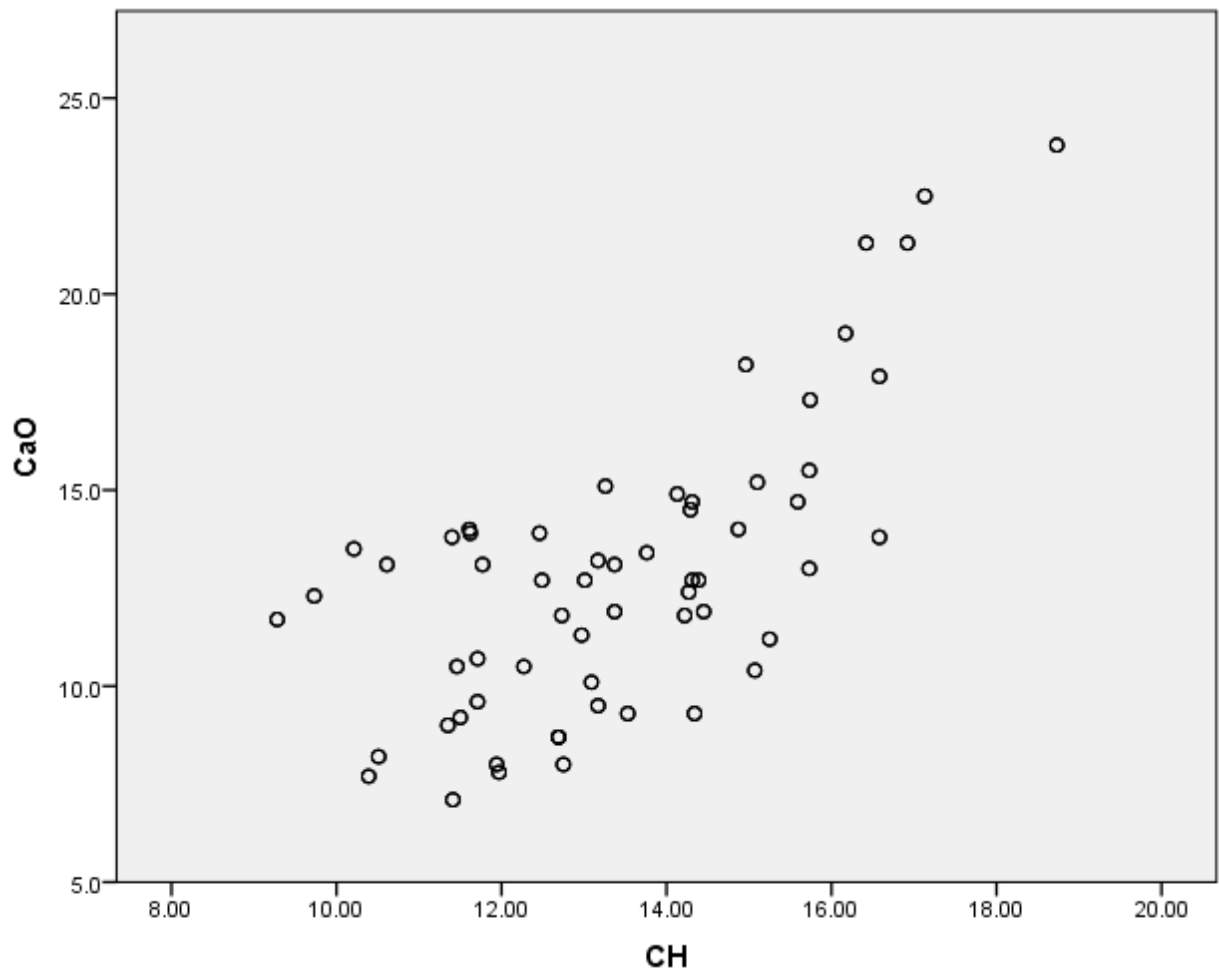
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=CH CaO MISSING=LISTWISE
REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: CH=col(source(s), name("CH"))
  DATA: CaO=col(source(s), name("CaO"))
  GUIDE: axis(dim(1), label("CH"))
  GUIDE: axis(dim(2), label("CaO"))
  ELEMENT: point(position(CH*CaO))
END GPL.
```

GGraph

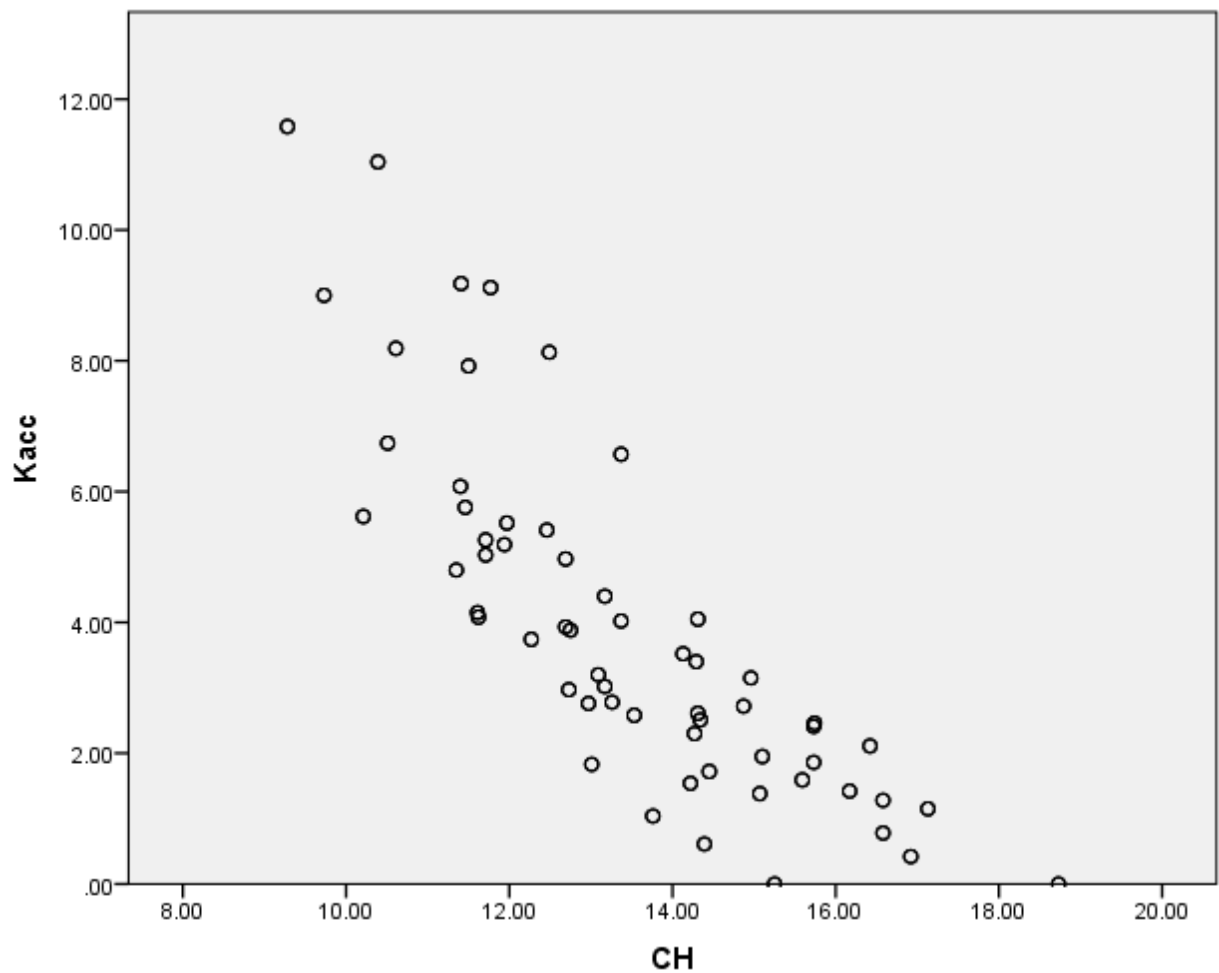
[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=CH Kacc MISSING=LISTWISE
  REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: CH=col(source(s), name("CH"))
  DATA: Kacc=col(source(s), name("Kacc"))
  GUIDE: axis(dim(1), label("CH"))
  GUIDE: axis(dim(2), label("Kacc"))
  ELEMENT: point(position(CH*Kacc))
END GPL.
```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



* Chart Builder.

GGRAPH

/GRAPHDATASET NAME="graphdataset" VARIABLES=CaO Kacc MISSING=LISTWISE
REPORTMISSING=NO

/GRAPHSPEC SOURCE=INLINE.

BEGIN GPL

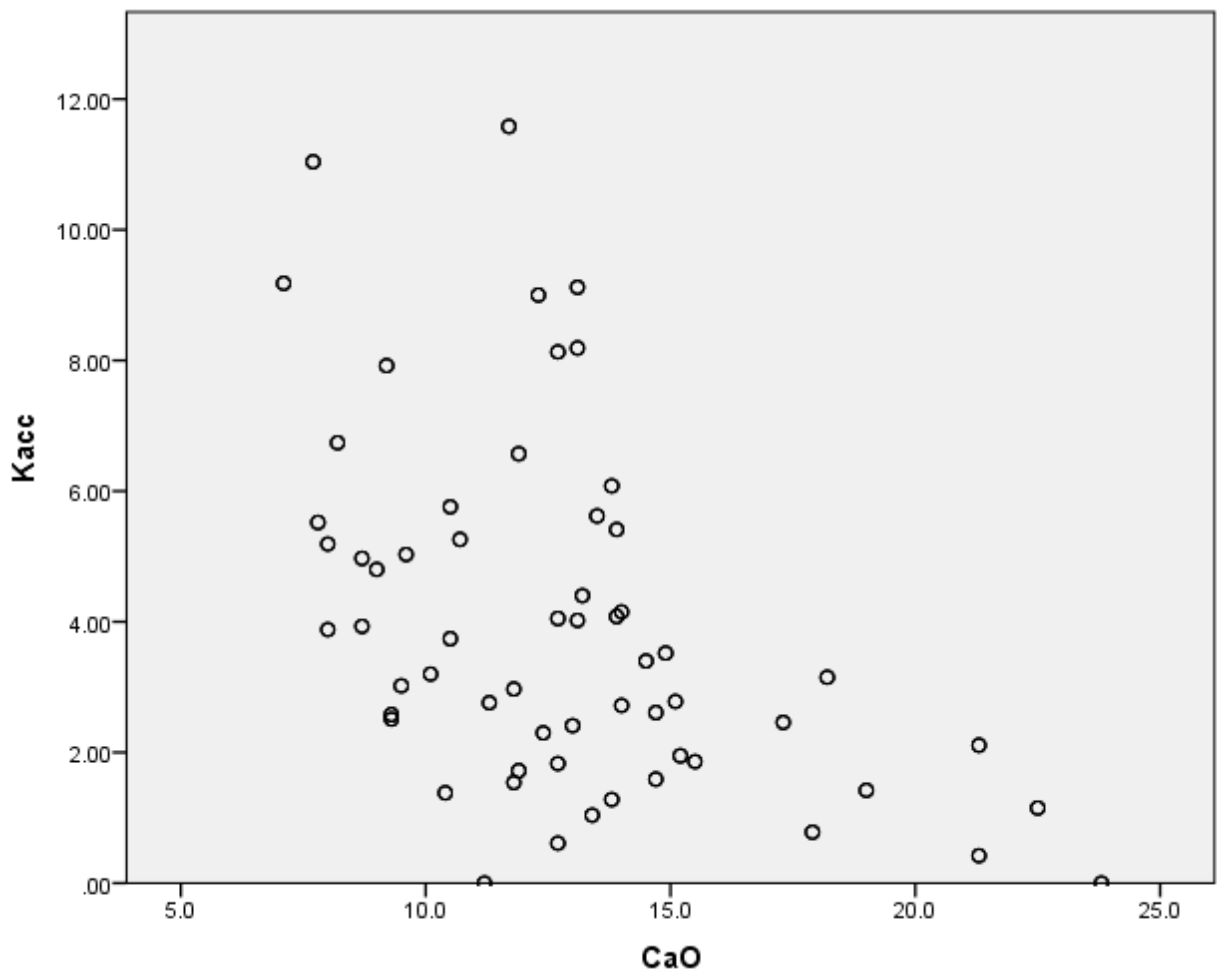
```

SOURCE: s=userSource(id("graphdataset"))
DATA: CaO=col(source(s), name("CaO"))
DATA: Kacc=col(source(s), name("Kacc"))
GUIDE: axis(dim(1), label("CaO"))
GUIDE: axis(dim(2), label("Kacc"))
ELEMENT: point(position(CaO*Kacc))
END GPL.

```

GGraph

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav



```

CROSSTABS
  /TABLES=BT BY CP
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ PHI
  /CELLS=COUNT EXPECTED SRESID
  /COUNT ROUND CELL.

```

Crosstabs

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
BT * CP	180	94.7%	10	5.3%	190	100.0%

BT * CP Crosstabulation

			CP			Total
			3 days	7 days	28 days	
BT	CEMI	Count	12	12	12	36
		Expected Count	12.0	12.0	12.0	36.0
		Std. Residual	.0	.0	.0	
	CEMI/FA	Count	12	12	12	36
		Expected Count	12.0	12.0	12.0	36.0
		Std. Residual	.0	.0	.0	
	CEMI/GGBS	Count	12	12	12	36
		Expected Count	12.0	12.0	12.0	36.0
		Std. Residual	.0	.0	.0	
	CEMI/CSF	Count	12	12	12	36

CEMV	Expected Count	12.0	12.0	12.0	36.0
	Std. Residual	.0	.0	.0	
	Count	12	12	12	36
	Expected Count	12.0	12.0	12.0	36.0
	Std. Residual	.0	.0	.0	
	Count	60	60	60	180
Total	Expected Count	60.0	60.0	60.0	180.0

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.000 ^a	8	1.000
Likelihood Ratio	.000	8	1.000
Linear-by-Linear Association	.000	1	1.000
N of Valid Cases	180		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 12.00.

Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal		
Phi	.000	1.000
Cramer's V	.000	1.000
N of Valid Cases	180	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

```

CROSSTABS
  /TABLES=BT BY EC
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ PHI
  /CELLS=COUNT EXPECTED SRESID
  /COUNT ROUND CELL.

```

Crosstabs

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
BT * EC	180	94.7%	10	5.3%	190	100.0%

BT * EC Crosstabulation

			EC			Total
			Indoor	Outdoor sheltered	Outdoor exposed	
BT	CEMI	Count	12	12	12	36
		Expected Count	12.0	12.0	12.0	36.0
		Std. Residual	.0	.0	.0	
	CEMI/FA	Count	12	12	12	36
		Expected Count	12.0	12.0	12.0	36.0
		Std. Residual	.0	.0	.0	
	CEMI/GGBS	Count	12	12	12	36
		Expected Count	12.0	12.0	12.0	36.0
		Std. Residual	.0	.0	.0	
	CEMI/CSF	Count	12	12	12	36
		Expected Count	12.0	12.0	12.0	36.0
		Std. Residual	.0	.0	.0	
	CEMV	Count	12	12	12	36
		Expected Count	12.0	12.0	12.0	36.0
		Std. Residual	.0	.0	.0	
	Total	Count	60	60	60	180

Expected Count	60.0	60.0	60.0	180.0
----------------	------	------	------	-------

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.000 ^a	8	1.000
Likelihood Ratio	.000	8	1.000
Linear-by-Linear Association	.000	1	1.000
N of Valid Cases	180		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 12.00.

Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Phi	.000	1.000
Cramer's V	.000	1.000
N of Valid Cases	180	

- a. Not assuming the null hypothesis.
- b. Using the asymptotic standard error assuming the null hypothesis.

```
CROSSTABS
  /TABLES=CP BY EC
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ PHI
  /CELLS=COUNT EXPECTED SRESID
  /COUNT ROUND CELL.
```

Crosstabs

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
CP * EC	180	94.7%	10	5.3%	190	100.0%

CP * EC Crosstabulation

			EC			Total
			Indoor	Outdoor sheltered	Outdoor exposed	
CP	3 days	Count	20	20	20	60
		Expected Count	20.0	20.0	20.0	60.0
		Std. Residual	.0	.0	.0	
	7 days	Count	20	20	20	60
		Expected Count	20.0	20.0	20.0	60.0
		Std. Residual	.0	.0	.0	
	28 days	Count	20	20	20	60
		Expected Count	20.0	20.0	20.0	60.0
		Std. Residual	.0	.0	.0	
	Total	Count	60	60	60	180
		Expected Count	60.0	60.0	60.0	180.0

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.000 ^a	4	1.000
Likelihood Ratio	.000	4	1.000
Linear-by-Linear Association	.000	1	1.000
N of Valid Cases	180		

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 20.00.

Symmetric Measures			
		Value	Approx. Sig.
Nominal by Nominal	Phi	.000	1.000
	Cramer's V	.000	1.000
N of Valid Cases		180	

- a. Not assuming the null hypothesis.
b. Using the asymptotic standard error assuming the null hypothesis.

```

ONEWAY Knat BY BT
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptives

Knat

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	3.6997	2.16173	.36029	2.9683	4.4311
CEMI/FA	36	7.3022	3.60870	.60145	6.0812	8.5232
CEMI/GGBS	36	8.1872	3.89013	.64836	6.8710	9.5035
CEMI/CSF	36	3.7197	2.06085	.34348	3.0224	4.4170
CEMV	36	8.6958	3.13331	.52222	7.6357	9.7560
Total	180	6.3209	3.73367	.27829	5.7718	6.8701

Descriptives

Knat

	Minimum	Maximum
CEMI	.55	9.20
CEMI/FA	1.68	16.54
CEMI/GGBS	2.00	18.48
CEMI/CSF	.77	9.04
CEMV	3.65	15.66
Total	.55	18.48

ANOVA

Knat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	854.034	4	213.508	22.765	.000
Within Groups	1641.279	175	9.379		
Total	2495.312	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Knat

Scheffe

(I) BT	(J) BT	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CEMI	CEMI/FA	-3.60250 [*]	.72183	.000	-5.8498	-1.3552
	CEMI/GGBS	-4.48750 [*]	.72183	.000	-6.7348	-2.2402
	CEMI/CSF	-.02000	.72183	1.000	-2.2673	2.2273
	CEMV	-4.99611 [*]	.72183	.000	-7.2434	-2.7488
CEMI/FA	CEMI	3.60250 [*]	.72183	.000	1.3552	5.8498
	CEMI/GGBS	-.88500	.72183	.826	-3.1323	1.3623
	CEMI/CSF	3.58250 [*]	.72183	.000	1.3352	5.8298

CEMI/GGBS	CEMV	-1.39361	.72183	.447	-3.6409	.8537
	CEMI	4.48750*	.72183	.000	2.2402	6.7348
	CEMI/FA	.88500	.72183	.826	-1.3623	3.1323
	CEMI/CSF	4.46750*	.72183	.000	2.2202	6.7148
	CEMV	-.50861	.72183	.974	-2.7559	1.7387
CEMI/CSF	CEMI	.02000	.72183	1.000	-2.2273	2.2673
	CEMI/FA	-3.58250*	.72183	.000	-5.8298	-1.3352
	CEMI/GGBS	-4.46750*	.72183	.000	-6.7148	-2.2202
	CEMV	-4.97611*	.72183	.000	-7.2234	-2.7288
	CEMI	4.99611*	.72183	.000	2.7488	7.2434
CEMV	CEMI/FA	1.39361	.72183	.447	-.8537	3.6409
	CEMI/GGBS	.50861	.72183	.974	-1.7387	2.7559
	CEMI/CSF	4.97611*	.72183	.000	2.7288	7.2234

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Knat

Scheffe

BT	N	Subset for alpha = 0.05	
		1	2
CEMI	36	3.6997	
CEMI/CSF	36	3.7197	
CEMI/FA	36		7.3022
CEMI/GGBS	36		8.1872
CEMV	36		8.6958
Sig.		1.000	.447

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 36.000.

```

ONEWAY w_b BY BT
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS

```

/POSTHOC=SCHEFFE ALPHA(0.05) .

Oneway

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptives

w_b

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	.5625	.13114	.02186	.5181	.6069
CEMI/FA	36	.5625	.13114	.02186	.5181	.6069
CEMI/GGBS	36	.5625	.13114	.02186	.5181	.6069
CEMI/CSF	36	.5625	.13114	.02186	.5181	.6069
CEMV	36	.5625	.13114	.02186	.5181	.6069
Total	180	.5625	.12966	.00966	.5434	.5816

Descriptives

w_b

	Minimum	Maximum
CEMI	.40	.75
CEMI/FA	.40	.75
CEMI/GGBS	.40	.75
CEMI/CSF	.40	.75
CEMV	.40	.75
Total	.40	.75

ANOVA

w_b

	Sum of Squares	df	Mean Square	F	Sig.
--	----------------	----	-------------	---	------

Between Groups	.000	4	.000	.000	1.000
Within Groups	3.009	175	.017		
Total	3.009	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: w_b

Scheffe

(I) BT	(J) BT	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CEMI	CEMI/FA	.00000	.03091	1.000	-.0962	.0962
	CEMI/GGBS	.00000	.03091	1.000	-.0962	.0962
	CEMI/CSF	.00000	.03091	1.000	-.0962	.0962
	CEMV	.00000	.03091	1.000	-.0962	.0962
CEMI/FA	CEMI	.00000	.03091	1.000	-.0962	.0962
	CEMI/GGBS	.00000	.03091	1.000	-.0962	.0962
	CEMI/CSF	.00000	.03091	1.000	-.0962	.0962
	CEMV	.00000	.03091	1.000	-.0962	.0962
CEMI/GGBS	CEMI	.00000	.03091	1.000	-.0962	.0962
	CEMI/FA	.00000	.03091	1.000	-.0962	.0962
	CEMI/CSF	.00000	.03091	1.000	-.0962	.0962
	CEMV	.00000	.03091	1.000	-.0962	.0962
CEMI/CSF	CEMI	.00000	.03091	1.000	-.0962	.0962
	CEMI/FA	.00000	.03091	1.000	-.0962	.0962
	CEMI/GGBS	.00000	.03091	1.000	-.0962	.0962
	CEMV	.00000	.03091	1.000	-.0962	.0962
CEMV	CEMI	.00000	.03091	1.000	-.0962	.0962
	CEMI/FA	.00000	.03091	1.000	-.0962	.0962
	CEMI/GGBS	.00000	.03091	1.000	-.0962	.0962
	CEMI/CSF	.00000	.03091	1.000	-.0962	.0962

Homogeneous Subsets

w_b

Scheffe

BT	N	Subset for alpha = 0.05
		1
CEMI	36	.5625
CEMI/FA	36	.5625
CEMI/GGBS	36	.5625
CEMI/CSF	36	.5625
CEMV	36	.5625
Sig.		1.000

Means for groups in homogeneous subsets
are displayed.

a. Uses Harmonic Mean Sample Size =
36.000.

```
ONEWAY W BY BT
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .
```

Oneway

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptives

W

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	203.75	16.578	2.763	198.14	209.36
CEMI/FA	36	203.75	16.578	2.763	198.14	209.36
CEMI/GGBS	36	203.75	16.578	2.763	198.14	209.36
CEMI/CSF	36	203.75	16.578	2.763	198.14	209.36
CEMV	36	203.75	16.578	2.763	198.14	209.36
Total	180	203.75	16.391	1.222	201.34	206.16

Descriptives

W

	Minimum	Maximum
CEMI	180	225
CEMI/FA	180	225
CEMI/GGBS	180	225
CEMI/CSF	180	225
CEMV	180	225
Total	180	225

ANOVA

W

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	4	.000	.000	1.000
Within Groups	48093.750	175	274.821		
Total	48093.750	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: W

Scheffe

(I) BT	(J) BT	Mean Difference	Std. Error	Sig.	95% Confidence Interval
--------	--------	-----------------	------------	------	-------------------------

		(I-J)			Lower Bound	Upper Bound
CEMI	CEMI/FA	.000	3.907	1.000	-12.17	12.17
	CEMI/GGBS	.000	3.907	1.000	-12.17	12.17
	CEMI/CSF	.000	3.907	1.000	-12.17	12.17
	CEMV	.000	3.907	1.000	-12.17	12.17
CEMI/FA	CEMI	.000	3.907	1.000	-12.17	12.17
	CEMI/GGBS	.000	3.907	1.000	-12.17	12.17
	CEMI/CSF	.000	3.907	1.000	-12.17	12.17
	CEMV	.000	3.907	1.000	-12.17	12.17
CEMI/GGBS	CEMI	.000	3.907	1.000	-12.17	12.17
	CEMI/FA	.000	3.907	1.000	-12.17	12.17
	CEMI/CSF	.000	3.907	1.000	-12.17	12.17
	CEMV	.000	3.907	1.000	-12.17	12.17
CEMI/CSF	CEMI	.000	3.907	1.000	-12.17	12.17
	CEMI/FA	.000	3.907	1.000	-12.17	12.17
	CEMI/GGBS	.000	3.907	1.000	-12.17	12.17
	CEMV	.000	3.907	1.000	-12.17	12.17
CEMV	CEMI	.000	3.907	1.000	-12.17	12.17
	CEMI/FA	.000	3.907	1.000	-12.17	12.17
	CEMI/GGBS	.000	3.907	1.000	-12.17	12.17
	CEMI/CSF	.000	3.907	1.000	-12.17	12.17

Homogeneous Subsets

W

Scheffe

BT	N	Subset for alpha = 0.05
		1
CEMI	36	203.75
CEMI/FA	36	203.75
CEMI/GGBS	36	203.75
CEMI/CSF	36	203.75
CEMV	36	203.75

Sig.		1.000
------	--	-------

Means for groups in homogeneous subsets
are displayed.

a. Uses Harmonic Mean Sample Size =
36.000.

```

ONEWAY B BY BT
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

B

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	375.00	56.695	9.449	355.82	394.18
CEMI/FA	36	375.00	56.695	9.449	355.82	394.18
CEMI/GGBS	36	375.00	56.695	9.449	355.82	394.18
CEMI/CSF	36	375.00	56.695	9.449	355.82	394.18
CEMV	36	375.00	56.695	9.449	355.82	394.18
Total	180	375.00	56.058	4.178	366.75	383.25

Descriptives

B

	Minimum	Maximum
CEMI	300	450
CEMI/FA	300	450
CEMI/GGBS	300	450

CEMI/CSF	300	450
CEMV	300	450
Total	300	450

ANOVA

B

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	4	.000	.000	1.000
Within Groups	562500.000	175	3214.286		
Total	562500.000	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: B

Scheffe

(I) BT	(J) BT	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CEMI	CEMI/FA	.000	13.363	1.000	-41.60	41.60
	CEMI/GGBS	.000	13.363	1.000	-41.60	41.60
	CEMI/CSF	.000	13.363	1.000	-41.60	41.60
	CEMV	.000	13.363	1.000	-41.60	41.60
CEMI/FA	CEMI	.000	13.363	1.000	-41.60	41.60
	CEMI/GGBS	.000	13.363	1.000	-41.60	41.60
	CEMI/CSF	.000	13.363	1.000	-41.60	41.60
	CEMV	.000	13.363	1.000	-41.60	41.60
CEMI/GGBS	CEMI	.000	13.363	1.000	-41.60	41.60
	CEMI/FA	.000	13.363	1.000	-41.60	41.60
	CEMI/CSF	.000	13.363	1.000	-41.60	41.60
	CEMV	.000	13.363	1.000	-41.60	41.60
CEMI/CSF	CEMI	.000	13.363	1.000	-41.60	41.60
	CEMI/FA	.000	13.363	1.000	-41.60	41.60

CEMV	CEMI/GGBS	.000	13.363	1.000	-41.60	41.60
	CEMV	.000	13.363	1.000	-41.60	41.60
	CEMI	.000	13.363	1.000	-41.60	41.60
	CEMI/FA	.000	13.363	1.000	-41.60	41.60
	CEMI/GGBS	.000	13.363	1.000	-41.60	41.60
	CEMI/CSF	.000	13.363	1.000	-41.60	41.60

Homogeneous Subsets

B

Scheffe

BT	N	Subset for alpha = 0.05
		1
CEMI	36	375.00
CEMI/FA	36	375.00
CEMI/GGBS	36	375.00
CEMI/CSF	36	375.00
CEMV	36	375.00
Sig.		1.000

Means for groups in homogeneous subsets
are displayed.

a. Uses Harmonic Mean Sample Size =
36.000.

```

ONEWAY C BY BT
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptives

C

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	375.00	56.695	9.449	355.82	394.18
CEMI/FA	36	262.50	39.686	6.614	249.07	275.93
CEMI/GGBS	36	187.50	28.347	4.725	177.91	197.09
CEMI/CSF	36	337.50	51.025	8.504	320.24	354.76
CEMV	36	150.00	22.678	3.780	142.33	157.67
Total	180	262.50	95.166	7.093	248.50	276.50

Descriptives

C

	Minimum	Maximum
CEMI	300	450
CEMI/FA	210	315
CEMI/GGBS	150	225
CEMI/CSF	270	405
CEMV	120	180
Total	120	450

ANOVA

C

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1316250.000	4	329062.500	188.884	.000
Within Groups	304875.000	175	1742.143		
Total	1621125.000	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: C

Scheffe

(I) BT	(J) BT	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CEMI	CEMI/FA	112.500 [*]	9.838	.000	81.87	143.13
	CEMI/GGBS	187.500 [*]	9.838	.000	156.87	218.13
	CEMI/CSF	37.500 [*]	9.838	.007	6.87	68.13
	CEMV	225.000 [*]	9.838	.000	194.37	255.63
CEMI/FA	CEMI	-112.500 [*]	9.838	.000	-143.13	-81.87
	CEMI/GGBS	75.000 [*]	9.838	.000	44.37	105.63
	CEMI/CSF	-75.000 [*]	9.838	.000	-105.63	-44.37
	CEMV	112.500 [*]	9.838	.000	81.87	143.13
CEMI/GGBS	CEMI	-187.500 [*]	9.838	.000	-218.13	-156.87
	CEMI/FA	-75.000 [*]	9.838	.000	-105.63	-44.37
	CEMI/CSF	-150.000 [*]	9.838	.000	-180.63	-119.37
	CEMV	37.500 [*]	9.838	.007	6.87	68.13
CEMI/CSF	CEMI	-37.500 [*]	9.838	.007	-68.13	-6.87
	CEMI/FA	75.000 [*]	9.838	.000	44.37	105.63
	CEMI/GGBS	150.000 [*]	9.838	.000	119.37	180.63
	CEMV	187.500 [*]	9.838	.000	156.87	218.13
CEMV	CEMI	-225.000 [*]	9.838	.000	-255.63	-194.37
	CEMI/FA	-112.500 [*]	9.838	.000	-143.13	-81.87
	CEMI/GGBS	-37.500 [*]	9.838	.007	-68.13	-6.87
	CEMI/CSF	-187.500 [*]	9.838	.000	-218.13	-156.87

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

C

Scheffe

BT	N	Subset for alpha = 0.05				
		1	2	3	4	5
CEMV	36	150.00				
CEMI/GGBS	36		187.50			
CEMI/FA	36			262.50		
CEMI/CSF	36				337.50	
CEMI	36					375.00
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 36.000.

```

ONEWAY SCM BY BT
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptives

SCM

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	.00	.000	.000	.00	.00
CEMI/FA	36	112.50	17.008	2.835	106.75	118.25
CEMI/GGBS	36	187.50	28.347	4.725	177.91	197.09
CEMI/CSF	36	37.50	5.669	.945	35.58	39.42
CEMV	36	225.00	34.017	5.669	213.49	236.51
Total	180	112.50	88.315	6.583	99.51	125.49

Descriptives

SCM

	Minimum	Maximum
CEMI	0	0
CEMI/FA	90	135
CEMI/GGBS	150	225
CEMI/CSF	30	45
CEMV	180	270
Total	0	270

ANOVA

SCM

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1316250.000	4	329062.500	720.951	.000
Within Groups	79875.000	175	456.429		
Total	1396125.000	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: SCM

Scheffe

(I) BT	(J) BT	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CEMI	CEMI/FA	-112.500 [*]	5.036	.000	-128.18	-96.82
	CEMI/GGBS	-187.500 [*]	5.036	.000	-203.18	-171.82
	CEMI/CSF	-37.500 [*]	5.036	.000	-53.18	-21.82
	CEMV	-225.000 [*]	5.036	.000	-240.68	-209.32
CEMI/FA	CEMI	112.500 [*]	5.036	.000	96.82	128.18
	CEMI/GGBS	-75.000 [*]	5.036	.000	-90.68	-59.32
	CEMI/CSF	75.000 [*]	5.036	.000	59.32	90.68

CEMI/GGBS	CEMV	-112.500*	5.036	.000	-128.18	-96.82
	CEMI	187.500*	5.036	.000	171.82	203.18
	CEMI/FA	75.000*	5.036	.000	59.32	90.68
	CEMI/CSF	150.000*	5.036	.000	134.32	165.68
	CEMV	-37.500*	5.036	.000	-53.18	-21.82
CEMI/CSF	CEMI	37.500*	5.036	.000	21.82	53.18
	CEMI/FA	-75.000*	5.036	.000	-90.68	-59.32
	CEMI/GGBS	-150.000*	5.036	.000	-165.68	-134.32
	CEMV	-187.500*	5.036	.000	-203.18	-171.82
CEMV	CEMI	225.000*	5.036	.000	209.32	240.68
	CEMI/FA	112.500*	5.036	.000	96.82	128.18
	CEMI/GGBS	37.500*	5.036	.000	21.82	53.18
	CEMI/CSF	187.500*	5.036	.000	171.82	203.18

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

SCM

Scheffe

BT	N	Subset for alpha = 0.05				
		1	2	3	4	5
CEMI	36	.00				
CEMI/CSF	36		37.50			
CEMI/FA	36			112.50		
CEMI/GGBS	36				187.50	
CEMV	36					225.00
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 36.000.

```

ONEWAY fc BY BT
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptives

Fc

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	42.7583	17.09443	2.84907	36.9744	48.5423
CEMI/FA	36	32.0975	14.64364	2.44061	27.1428	37.0522
CEMI/GGBS	36	26.8017	14.82840	2.47140	21.7845	31.8189
CEMI/CSF	36	49.6192	20.96911	3.49485	42.5242	56.7141
CEMV	36	28.1592	13.88812	2.31469	23.4601	32.8582
Total	180	35.8872	18.56530	1.38378	33.1566	38.6178

Descriptives

Fc

	Minimum	Maximum
CEMI	21.30	75.93
CEMI/FA	13.60	62.80
CEMI/GGBS	8.73	61.10
CEMI/CSF	22.13	91.40
CEMV	9.40	58.87
Total	8.73	91.40

ANOVA

Fc

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	14126.782	4	3531.696	12.993	.000

Within Groups	47569.229	175	271.824		
Total	61696.012	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: fc

Scheffe

(I) BT	(J) BT	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CEMI	CEMI/FA	10.66083	3.88604	.116	-1.4379	22.7596
	CEMI/GGBS	15.95667*	3.88604	.003	3.8579	28.0554
	CEMI/CSF	-6.86083	3.88604	.540	-18.9596	5.2379
	CEMV	14.59917*	3.88604	.008	2.5004	26.6979
CEMI/FA	CEMI	-10.66083	3.88604	.116	-22.7596	1.4379
	CEMI/GGBS	5.29583	3.88604	.762	-6.8029	17.3946
	CEMI/CSF	-17.52167*	3.88604	.001	-29.6204	-5.4229
	CEMV	3.93833	3.88604	.905	-8.1604	16.0371
CEMI/GGBS	CEMI	-15.95667*	3.88604	.003	-28.0554	-3.8579
	CEMI/FA	-5.29583	3.88604	.762	-17.3946	6.8029
	CEMI/CSF	-22.81750*	3.88604	.000	-34.9162	-10.7188
	CEMV	-1.35750	3.88604	.998	-13.4562	10.7412
CEMI/CSF	CEMI	6.86083	3.88604	.540	-5.2379	18.9596
	CEMI/FA	17.52167*	3.88604	.001	5.4229	29.6204
	CEMI/GGBS	22.81750*	3.88604	.000	10.7188	34.9162
	CEMV	21.46000*	3.88604	.000	9.3613	33.5587
CEMV	CEMI	-14.59917*	3.88604	.008	-26.6979	-2.5004
	CEMI/FA	-3.93833	3.88604	.905	-16.0371	8.1604
	CEMI/GGBS	1.35750	3.88604	.998	-10.7412	13.4562
	CEMI/CSF	-21.46000*	3.88604	.000	-33.5587	-9.3613

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

fc

Scheffe

BT	N	Subset for alpha = 0.05		
		1	2	3
CEMI/GGBS	36	26.8017		
CEMV	36	28.1592		
CEMI/FA	36	32.0975	32.0975	
CEMI	36		42.7583	42.7583
CEMI/CSF	36			49.6192
Sig.		.762	.116	.540

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 36.000.

```

ONEWAY OPI BY BT
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptives

OPI

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	9.658	.2568	.0428	9.571	9.745

CEMI/FA	36	9.742	.3219	.0537	9.633	9.851
CEMI/GGBS	36	9.475	.3018	.0503	9.373	9.577
CEMI/CSF	36	9.850	.3140	.0523	9.744	9.956
CEMV	36	9.442	.5935	.0989	9.241	9.642
Total	180	9.633	.4043	.0301	9.574	9.693

Descriptives

OPI

	Minimum	Maximum
CEMI	9.2	10.0
CEMI/FA	9.2	10.3
CEMI/GGBS	8.9	9.9
CEMI/CSF	9.3	10.4
CEMV	8.2	10.1
Total	8.2	10.4

ANOVA

OPI

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4.360	4	1.090	7.661	.000
Within Groups	24.900	175	.142		
Total	29.260	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: OPI

Scheffe

(I) BT	(J) BT	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CEMI	CEMI/FA	-.0833	.0889	.927	-.360	.193
	CEMI/GGBS	.1833	.0889	.376	-.093	.460

CEMI/FA	CEMI/CSF	-.1917	.0889	.329	-.468	.085
	CEMV	.2167	.0889	.209	-.060	.493
	CEMI	.0833	.0889	.927	-.193	.360
CEMI/GGBS	CEMI/GGBS	.2667	.0889	.066	-.010	.543
	CEMI/CSF	-.1083	.0889	.829	-.385	.168
	CEMV	.3000*	.0889	.026	.023	.577
CEMI/CSF	CEMI	-.1833	.0889	.376	-.460	.093
	CEMI/FA	-.2667	.0889	.066	-.543	.010
	CEMI/CSF	-.3750*	.0889	.002	-.652	-.098
CEMV	CEMV	.0333	.0889	.998	-.243	.310
	CEMI	.1917	.0889	.329	-.085	.468
	CEMI/FA	.1083	.0889	.829	-.168	.385
CEMI/FA	CEMI/GGBS	.3750*	.0889	.002	.098	.652
	CEMV	.4083*	.0889	.000	.132	.685
	CEMI	-.2167	.0889	.209	-.493	.060
CEMI/CSF	CEMI/FA	-.3000*	.0889	.026	-.577	-.023
	CEMI/GGBS	-.0333	.0889	.998	-.310	.243
	CEMI/CSF	-.4083*	.0889	.000	-.685	-.132

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

OPI

Scheffe

BT	N	Subset for alpha = 0.05		
		1	2	3
CEMV	36	9.442		
CEMI/GGBS	36	9.475	9.475	
CEMI	36	9.658	9.658	9.658
CEMI/FA	36		9.742	9.742
CEMI/CSF	36			9.850
Sig.		.209	.066	.329

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 36.000.

```

ONEWAY WS BY BT
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptives

WS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	10.042	2.7193	.4532	9.122	10.962
CEMI/FA	36	11.208	3.2381	.5397	10.113	12.304
CEMI/GGBS	36	9.492	3.7822	.6304	8.212	10.771
CEMI/CSF	36	7.208	2.7764	.4627	6.269	8.148
CEMV	36	12.192	4.7545	.7924	10.583	13.800
Total	180	10.028	3.8857	.2896	9.457	10.600

Descriptives

WS

	Minimum	Maximum
CEMI	6.8	15.5
CEMI/FA	7.5	18.5
CEMI/GGBS	5.3	19.5
CEMI/CSF	3.4	12.7
CEMV	6.7	20.0
Total	3.4	20.0

ANOVA

WS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	515.268	4	128.817	10.306	.000
Within Groups	2187.437	175	12.500		
Total	2702.705	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: WS

Scheffe

(I) BT	(J) BT	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CEMI	CEMI/FA	-1.1667	.8333	.743	-3.761	1.428
	CEMI/GGBS	.5500	.8333	.979	-2.044	3.144
	CEMI/CSF	2.8333*	.8333	.024	.239	5.428
	CEMV	-2.1500	.8333	.160	-4.744	.444
CEMI/FA	CEMI	1.1667	.8333	.743	-1.428	3.761
	CEMI/GGBS	1.7167	.8333	.377	-.878	4.311
	CEMI/CSF	4.0000*	.8333	.000	1.406	6.594
	CEMV	-.9833	.8333	.845	-3.578	1.611
CEMI/GGBS	CEMI	-.5500	.8333	.979	-3.144	2.044
	CEMI/FA	-1.7167	.8333	.377	-4.311	.878
	CEMI/CSF	2.2833	.8333	.117	-.311	4.878
	CEMV	-2.7000*	.8333	.036	-5.294	-.106
CEMI/CSF	CEMI	-2.8333*	.8333	.024	-5.428	-.239
	CEMI/FA	-4.0000*	.8333	.000	-6.594	-1.406
	CEMI/GGBS	-2.2833	.8333	.117	-4.878	.311
	CEMV	-4.9833*	.8333	.000	-7.578	-2.389
CEMV	CEMI	2.1500	.8333	.160	-.444	4.744
	CEMI/FA	.9833	.8333	.845	-1.611	3.578

CEMI/GGBS	2.7000*	.8333	.036	.106	5.294
CEMI/CSF	4.9833*	.8333	.000	2.389	7.578

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

WS

Scheffe

BT	N	Subset for alpha = 0.05		
		1	2	3
CEMI/CSF	36	7.208		
CEMI/GGBS	36	9.492	9.492	
CEMI	36		10.042	10.042
CEMI/FA	36		11.208	11.208
CEMV	36			12.192
Sig.		.117	.377	.160

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 36.000.

```

ONEWAY CH BY BT
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

CH

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	15.8492	1.44431	.24072	15.3605	16.3378
CEMI/FA	36	14.1442	1.45756	.24293	13.6510	14.6373
CEMI/GGBS	36	12.4067	1.15108	.19185	12.0172	12.7961
CEMI/CSF	36	13.4667	1.19762	.19960	13.0614	13.8719
CEMV	36	11.3200	1.31016	.21836	10.8767	11.7633
Total	180	13.4373	2.02095	.15063	13.1401	13.7346

Descriptives

CH

	Minimum	Maximum
CEMI	13.37	18.73
CEMI/FA	11.77	16.58
CEMI/GGBS	10.61	14.45
CEMI/CSF	11.46	15.25
CEMV	9.28	13.53
Total	9.28	18.73

ANOVA

CH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	427.060	4	106.765	61.456	.000
Within Groups	304.021	175	1.737		
Total	731.081	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: CH

Scheffe

(I) BT	(J) BT	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CEMI	CEMI/FA	1.70500 [*]	.31067	.000	.7378	2.6722
	CEMI/GGBS	3.44250 [*]	.31067	.000	2.4753	4.4097
	CEMI/CSF	2.38250 [*]	.31067	.000	1.4153	3.3497
	CEMV	4.52917 [*]	.31067	.000	3.5619	5.4964
CEMI/FA	CEMI	-1.70500 [*]	.31067	.000	-2.6722	-.7378
	CEMI/GGBS	1.73750 [*]	.31067	.000	.7703	2.7047
	CEMI/CSF	.67750	.31067	.317	-.2897	1.6447
	CEMV	2.82417 [*]	.31067	.000	1.8569	3.7914
CEMI/GGBS	CEMI	-3.44250 [*]	.31067	.000	-4.4097	-2.4753
	CEMI/FA	-1.73750 [*]	.31067	.000	-2.7047	-.7703
	CEMI/CSF	-1.06000 [*]	.31067	.023	-2.0272	-.0928
	CEMV	1.08667 [*]	.31067	.018	.1194	2.0539
CEMI/CSF	CEMI	-2.38250 [*]	.31067	.000	-3.3497	-1.4153
	CEMI/FA	-.67750	.31067	.317	-1.6447	.2897
	CEMI/GGBS	1.06000 [*]	.31067	.023	.0928	2.0272
	CEMV	2.14667 [*]	.31067	.000	1.1794	3.1139
CEMV	CEMI	-4.52917 [*]	.31067	.000	-5.4964	-3.5619
	CEMI/FA	-2.82417 [*]	.31067	.000	-3.7914	-1.8569
	CEMI/GGBS	-1.08667 [*]	.31067	.018	-2.0539	-.1194
	CEMI/CSF	-2.14667 [*]	.31067	.000	-3.1139	-1.1794

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

CH

Scheffe

BT	N	Subset for alpha = 0.05			
		1	2	3	4
CEMV	36	11.3200			
CEMI/GGBS	36		12.4067		
CEMI/CSF	36			13.4667	
CEMI/FA	36			14.1442	
CEMI	36				15.8492
Sig.		1.000	1.000	.317	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 36.000.

```

ONEWAY CaO BY BT
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

CaO

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	18.292	3.2987	.5498	17.176	19.408
CEMI/FA	36	13.558	.9318	.1553	13.243	13.874
CEMI/GGBS	36	11.317	2.2981	.3830	10.539	12.094
CEMI/CSF	36	11.208	1.3515	.2252	10.751	11.666

CEMV	36	9.883	2.3193	.3865	9.099	10.668
Total	180	12.852	3.6851	.2747	12.310	13.394

Descriptives

CaO

	Minimum	Maximum
CEMI	13.1	23.8
CEMI/FA	11.9	15.2
CEMI/GGBS	8.0	15.1
CEMI/CSF	8.7	13.4
CEMV	7.1	13.9
Total	7.1	23.8

ANOVA

CaO

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1582.587	4	395.647	81.622	.000
Within Groups	848.283	175	4.847		
Total	2430.869	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: CaO

Scheffe

(I) BT	(J) BT	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CEMI	CEMI/FA	4.7333 [*]	.5189	.000	3.118	6.349
	CEMI/GGBS	6.9750 [*]	.5189	.000	5.359	8.591
	CEMI/CSF	7.0833 [*]	.5189	.000	5.468	8.699
	CEMV	8.4083 [*]	.5189	.000	6.793	10.024
CEMI/FA	CEMI	-4.7333 [*]	.5189	.000	-6.349	-3.118

	CEMI/GGBS	2.2417*	.5189	.001	.626	3.857
	CEMI/CSF	2.3500*	.5189	.001	.734	3.966
	CEMV	3.6750*	.5189	.000	2.059	5.291
	CEMI	-6.9750*	.5189	.000	-8.591	-5.359
CEMI/GGBS	CEMI/FA	-2.2417*	.5189	.001	-3.857	-.626
	CEMI/CSF	.1083	.5189	1.000	-1.507	1.724
	CEMV	1.4333	.5189	.111	-.182	3.049
	CEMI	-7.0833*	.5189	.000	-8.699	-5.468
CEMI/CSF	CEMI/FA	-2.3500*	.5189	.001	-3.966	-.734
	CEMI/GGBS	-.1083	.5189	1.000	-1.724	1.507
	CEMV	1.3250	.5189	.169	-.291	2.941
	CEMI	-8.4083*	.5189	.000	-10.024	-6.793
CEMV	CEMI/FA	-3.6750*	.5189	.000	-5.291	-2.059
	CEMI/GGBS	-1.4333	.5189	.111	-3.049	.182
	CEMI/CSF	-1.3250	.5189	.169	-2.941	.291

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

CaO

Scheffe

BT	N	Subset for alpha = 0.05		
		1	2	3
CEMV	36	9.883		
CEMI/CSF	36	11.208		
CEMI/GGBS	36	11.317		
CEMI/FA	36		13.558	
CEMI	36			18.292
Sig.		.111	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 36.000.

ONEWAY Kacc BY BT

```

/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

Kacc

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
CEMI	36	1.9583	1.21954	.20326	1.5457	2.3710
CEMI/FA	36	4.2525	2.50480	.41747	3.4050	5.1000
CEMI/GGBS	36	4.5042	2.01369	.33562	3.8228	5.1855
CEMI/CSF	36	2.5525	1.83257	.30543	1.9324	3.1726
CEMV	36	6.4350	2.97791	.49632	5.4274	7.4426
Total	180	3.9405	2.68582	.20019	3.5455	4.3355

Descriptives

Kacc

	Minimum	Maximum
CEMI	.00	4.02
CEMI/FA	1.28	9.12
CEMI/GGBS	1.72	8.19
CEMI/CSF	.00	5.76
CEMV	2.58	11.58
Total	.00	11.58

ANOVA

Kacc

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	449.752	4	112.438	23.383	.000
Within Groups	841.489	175	4.809		
Total	1291.241	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Kacc

Scheffe

(I) BT	(J) BT	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CEMI	CEMI/FA	-2.29417*	.51686	.001	-3.9033	-.6850
	CEMI/GGBS	-2.54583*	.51686	.000	-4.1550	-.9367
	CEMI/CSF	-.59417	.51686	.857	-2.2033	1.0150
	CEMV	-4.47667*	.51686	.000	-6.0858	-2.8675
CEMI/FA	CEMI	2.29417*	.51686	.001	.6850	3.9033
	CEMI/GGBS	-.25167	.51686	.993	-1.8608	1.3575
	CEMI/CSF	1.70000*	.51686	.032	.0908	3.3092
	CEMV	-2.18250*	.51686	.002	-3.7917	-.5733
CEMI/GGBS	CEMI	2.54583*	.51686	.000	.9367	4.1550
	CEMI/FA	.25167	.51686	.993	-1.3575	1.8608
	CEMI/CSF	1.95167*	.51686	.008	.3425	3.5608
	CEMV	-1.93083*	.51686	.009	-3.5400	-.3217
CEMI/CSF	CEMI	.59417	.51686	.857	-1.0150	2.2033
	CEMI/FA	-1.70000*	.51686	.032	-3.3092	-.0908
	CEMI/GGBS	-1.95167*	.51686	.008	-3.5608	-.3425
	CEMV	-3.88250*	.51686	.000	-5.4917	-2.2733
CEMV	CEMI	4.47667*	.51686	.000	2.8675	6.0858
	CEMI/FA	2.18250*	.51686	.002	.5733	3.7917
	CEMI/GGBS	1.93083*	.51686	.009	.3217	3.5400
	CEMI/CSF	3.88250*	.51686	.000	2.2733	5.4917

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Kacc				
Scheffe				
BT	N	Subset for alpha = 0.05		
		1	2	3
CEMI	36	1.9583		
CEMI/CSF	36	2.5525		
CEMI/FA	36		4.2525	
CEMI/GGBS	36		4.5042	
CEMV	36			6.4350
Sig.		.857	.993	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 36.000.

```

ONEWAY Knat BY CP
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

Knat

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
3 days	60	7.7178	3.97711	.51344	6.6904	8.7452	1.27
7 days	60	6.4253	3.71743	.47992	5.4650	7.3856	.90
28 days	60	4.8197	2.89296	.37348	4.0723	5.5670	.55
Total	180	6.3209	3.73367	.27829	5.7718	6.8701	.55

Descriptives

Knat

	Maximum
3 days	18.48
7 days	17.61
28 days	13.75
Total	18.48

ANOVA

Knat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	252.962	2	126.481	9.984	.000
Within Groups	2242.351	177	12.669		
Total	2495.312	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Knat

Scheffe

(I) CP	(J) CP	Mean Difference	Std. Error	Sig.	95% Confidence Interval
--------	--------	-----------------	------------	------	-------------------------

		(I-J)			Lower Bound	Upper Bound
3 days	7 days	1.29250	.64984	.141	-.3117	2.8967
	28 days	2.89817*	.64984	.000	1.2940	4.5024
7 days	3 days	-1.29250	.64984	.141	-2.8967	.3117
	28 days	1.60567*	.64984	.050	.0015	3.2099
28 days	3 days	-2.89817*	.64984	.000	-4.5024	-1.2940
	7 days	-1.60567*	.64984	.050	-3.2099	-.0015

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Knat

Scheffe

CP	N	Subset for alpha = 0.05	
		1	2
28 days	60	4.8197	
7 days	60		6.4253
3 days	60		7.7178
Sig.		1.000	.141

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY w_b BY CP
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

w_b

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
3 days	60	.5625	.13039	.01683	.5288	.5962	.40
7 days	60	.5625	.13039	.01683	.5288	.5962	.40
28 days	60	.5625	.13039	.01683	.5288	.5962	.40
Total	180	.5625	.12966	.00966	.5434	.5816	.40

Descriptives

w_b

	Maximum
3 days	.75
7 days	.75
28 days	.75
Total	.75

ANOVA

w_b

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	3.009	177	.017		
Total	3.009	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: w_b

Scheffe

(I) CP	(J) CP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
3 days	7 days	.00000	.02381	1.000	-.0588	.0588
	28 days	.00000	.02381	1.000	-.0588	.0588
7 days	3 days	.00000	.02381	1.000	-.0588	.0588
	28 days	.00000	.02381	1.000	-.0588	.0588
28 days	3 days	.00000	.02381	1.000	-.0588	.0588
	7 days	.00000	.02381	1.000	-.0588	.0588

Homogeneous Subsets

w_b

Scheffe

CP	N	Subset for alpha = 0.05
		1
3 days	60	.5625
7 days	60	.5625
28 days	60	.5625
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY W BY CP
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptives

W

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
3 days	60	203.75	16.484	2.128	199.49	208.01	180
7 days	60	203.75	16.484	2.128	199.49	208.01	180
28 days	60	203.75	16.484	2.128	199.49	208.01	180
Total	180	203.75	16.391	1.222	201.34	206.16	180

Descriptives

W

	Maximum
3 days	225
7 days	225
28 days	225
Total	225

ANOVA

W

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	48093.750	177	271.716		
Total	48093.750	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: W

Scheffe

(I) CP	(J) CP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
3 days	7 days	.000	3.010	1.000	-7.43	7.43
	28 days	.000	3.010	1.000	-7.43	7.43
7 days	3 days	.000	3.010	1.000	-7.43	7.43
	28 days	.000	3.010	1.000	-7.43	7.43
28 days	3 days	.000	3.010	1.000	-7.43	7.43
	7 days	.000	3.010	1.000	-7.43	7.43

Homogeneous Subsets

W

Scheffe

CP	N	Subset for alpha = 0.05
		1
3 days	60	203.75
7 days	60	203.75
28 days	60	203.75
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

ONEWAY B BY CP
/STATISTICS DESCRIPTIVES

```

/MISSING ANALYSIS
/POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

B

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
3 days	60	375.00	56.373	7.278	360.44	389.56	300
7 days	60	375.00	56.373	7.278	360.44	389.56	300
28 days	60	375.00	56.373	7.278	360.44	389.56	300
Total	180	375.00	56.058	4.178	366.75	383.25	300

Descriptives

B

	Maximum
3 days	450
7 days	450
28 days	450
Total	450

ANOVA

B

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	562500.000	177	3177.966		
Total	562500.000	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: B

Scheffe

(I) CP	(J) CP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
3 days	7 days	.000	10.292	1.000	-25.41	25.41
	28 days	.000	10.292	1.000	-25.41	25.41
7 days	3 days	.000	10.292	1.000	-25.41	25.41
	28 days	.000	10.292	1.000	-25.41	25.41
28 days	3 days	.000	10.292	1.000	-25.41	25.41
	7 days	.000	10.292	1.000	-25.41	25.41

Homogeneous Subsets

B

Scheffe

CP	N	Subset for alpha = 0.05
		1
3 days	60	375.00
7 days	60	375.00
28 days	60	375.00
Sig.		1.000

Means for groups in homogeneous
subsets are displayed.

a. Uses Harmonic Mean Sample Size =
60.000.

```
ONEWAY C BY CP
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .
```

Oneway

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Descriptives

C

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
3 days	60	262.50	95.702	12.355	237.78	287.22	120
7 days	60	262.50	95.702	12.355	237.78	287.22	120
28 days	60	262.50	95.702	12.355	237.78	287.22	120
Total	180	262.50	95.166	7.093	248.50	276.50	120

Descriptives

C

	Maximum
3 days	450
7 days	450
28 days	450
Total	450

ANOVA

C

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	1621125.000	177	9158.898		
Total	1621125.000	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: C

Scheffe

(I) CP	(J) CP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
3 days	7 days	.000	17.473	1.000	-43.13	43.13
	28 days	.000	17.473	1.000	-43.13	43.13
7 days	3 days	.000	17.473	1.000	-43.13	43.13
	28 days	.000	17.473	1.000	-43.13	43.13
28 days	3 days	.000	17.473	1.000	-43.13	43.13
	7 days	.000	17.473	1.000	-43.13	43.13

Homogeneous Subsets

C

Scheffe

CP	N	Subset for alpha = 0.05
		1
3 days	60	262.50

7 days	60	262.50
28 days	60	262.50
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY SCM BY CP
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

SCM

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
3 days	60	112.50	88.813	11.466	89.56	135.44	0
7 days	60	112.50	88.813	11.466	89.56	135.44	0
28 days	60	112.50	88.813	11.466	89.56	135.44	0
Total	180	112.50	88.315	6.583	99.51	125.49	0

Descriptives

SCM

	Maximum
3 days	270
7 days	270
28 days	270

ANOVA

SCM

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	1396125.000	177	7887.712		
Total	1396125.000	179			

Post Hoc Tests**Multiple Comparisons**

Dependent Variable: SCM

Scheffe

(I) CP	(J) CP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
3 days	7 days	.000	16.215	1.000	-40.03	40.03
	28 days	.000	16.215	1.000	-40.03	40.03
7 days	3 days	.000	16.215	1.000	-40.03	40.03
	28 days	.000	16.215	1.000	-40.03	40.03
28 days	3 days	.000	16.215	1.000	-40.03	40.03
	7 days	.000	16.215	1.000	-40.03	40.03

Homogeneous Subsets**SCM**

Scheffe

CP	N	Subset for alpha = 0.05
		1
3 days	60	112.50
7 days	60	112.50
28 days	60	112.50
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY fc BY CP
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

fc

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
3 days	60	24.4475	11.12911	1.43676	21.5725	27.3225	8.73
7 days	60	32.8495	15.17500	1.95908	28.9294	36.7696	12.63
28 days	60	50.3645	18.32877	2.36623	45.6297	55.0993	22.87
Total	180	35.8872	18.56530	1.38378	33.1566	38.6178	8.73

Descriptives

fc

	Maximum
--	---------

3 days	51.07
7 days	70.87
28 days	91.40
Total	91.40

ANOVA

fc

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	20981.194	2	10490.597	45.606	.000
Within Groups	40714.817	177	230.027		
Total	61696.012	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: fc

Scheffe

(I) CP	(J) CP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
3 days	7 days	-8.40200*	2.76904	.011	-15.2377	-1.5663
	28 days	-25.91700*	2.76904	.000	-32.7527	-19.0813
7 days	3 days	8.40200*	2.76904	.011	1.5663	15.2377
	28 days	-17.51500*	2.76904	.000	-24.3507	-10.6793
28 days	3 days	25.91700*	2.76904	.000	19.0813	32.7527
	7 days	17.51500*	2.76904	.000	10.6793	24.3507

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

fc

Scheffe

CP	N	Subset for alpha = 0.05		
		1	2	3
3 days	60	24.4475	32.8495	50.3645
7 days	60			
28 days	60			
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY OPI BY CP
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

OPI

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
3 days	60	9.535	.4445	.0574	9.420	9.650	8.2
7 days	60	9.615	.3777	.0488	9.517	9.713	8.6
28 days	60	9.750	.3629	.0468	9.656	9.844	8.9
Total	180	9.633	.4043	.0301	9.574	9.693	8.2

Descriptives

OPI

	Maximum
3 days	10.1
7 days	10.1
28 days	10.4
Total	10.4

ANOVA

OPI

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.417	2	.709	4.504	.012
Within Groups	27.843	177	.157		
Total	29.260	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: OPI

Scheffe

(I) CP	(J) CP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
3 days	7 days	-.0800	.0724	.544	-.259	.099
	28 days	-.2150*	.0724	.014	-.394	-.036
7 days	3 days	.0800	.0724	.544	-.099	.259
	28 days	-.1350	.0724	.179	-.314	.044
28 days	3 days	.2150*	.0724	.014	.036	.394
	7 days	.1350	.0724	.179	-.044	.314

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

OPI

Scheffe

CP	N	Subset for alpha = 0.05	
		1	2
3 days	60	9.535	
7 days	60	9.615	9.615
28 days	60		9.750
Sig.		.544	.179

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY WS BY CP
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

WS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
3 days	60	11.595	4.6784	.6040	10.386	12.804	5.3
7 days	60	9.760	3.1778	.4103	8.939	10.581	4.5

28 days	60	8.730	3.0885	.3987	7.932	9.528	3.4
Total	180	10.028	3.8857	.2896	9.457	10.600	3.4

Descriptives

WS

	Maximum
3 days	20.0
7 days	17.4
28 days	16.2
Total	20.0

ANOVA

WS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	252.727	2	126.363	9.129	.000
Within Groups	2449.978	177	13.842		
Total	2702.705	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: WS

Scheffe

(I) CP	(J) CP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
3 days	7 days	1.8350*	.6793	.028	.158	3.512
	28 days	2.8650*	.6793	.000	1.188	4.542
7 days	3 days	-1.8350*	.6793	.028	-3.512	-.158
	28 days	1.0300	.6793	.319	-.647	2.707
28 days	3 days	-2.8650*	.6793	.000	-4.542	-1.188
	7 days	-1.0300	.6793	.319	-2.707	.647

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

WS

Scheffe

CP	N	Subset for alpha = 0.05	
		1	2
28 days	60	8.730	
7 days	60	9.760	
3 days	60		11.595
Sig.		.319	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY CH BY CP
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

CH

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	Minimum
--	---	------	----------------	------------	----------------------------------	---------

					Lower Bound	Upper Bound	
3 days	60	12.6145	1.94687	.25134	12.1116	13.1174	9.28
7 days	60	13.3730	1.87037	.24146	12.8898	13.8562	10.39
28 days	60	14.3245	1.89987	.24527	13.8337	14.8153	11.41
Total	180	13.4373	2.02095	.15063	13.1401	13.7346	9.28

Descriptives

CH

	Maximum
3 days	16.58
7 days	16.92
28 days	18.73
Total	18.73

ANOVA

CH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	88.095	2	44.048	12.125	.000
Within Groups	642.986	177	3.633		
Total	731.081	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: CH

Scheffe

(I) CP	(J) CP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
3 days	7 days	-.75850	.34798	.096	-1.6175	.1005
	28 days	-1.71000*	.34798	.000	-2.5690	-.8510
7 days	3 days	.75850	.34798	.096	-.1005	1.6175
	28 days	-.95150*	.34798	.026	-1.8105	-.0925

28 days	3 days	1.71000*	.34798	.000	.8510	2.5690
	7 days	.95150*	.34798	.026	.0925	1.8105

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

CH

Scheffe

CP	N	Subset for alpha = 0.05	
		1	2
3 days	60	12.6145	14.3245
7 days	60	13.3730	
28 days	60		
Sig.		.096	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY CaO BY CP
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS
/POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

CaO

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
3 days	60	13.685	1.5773	.2036	13.278	14.092	10.5
7 days	60	12.515	3.5235	.4549	11.605	13.425	7.7
28 days	60	12.355	5.0225	.6484	11.058	13.652	7.1
Total	180	12.852	3.6851	.2747	12.310	13.394	7.1

Descriptives

CaO

	Maximum
3 days	17.9
7 days	21.3
28 days	23.8
Total	23.8

ANOVA

CaO

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	63.268	2	31.634	2.365	.097
Within Groups	2367.601	177	13.376		
Total	2430.869	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: CaO

Scheffe

(I) CP	(J) CP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
3 days	7 days	1.1700	.6677	.218	-.478	2.818

7 days	28 days	1.3300	.6677	.141	-.318	2.978
	3 days	-1.1700	.6677	.218	-2.818	.478
28 days	28 days	.1600	.6677	.972	-1.488	1.808
	3 days	-1.3300	.6677	.141	-2.978	.318
	7 days	-.1600	.6677	.972	-1.808	1.488

Homogeneous Subsets

CaO

Scheffe

CP	N	Subset for alpha = 0.05
		1
28 days	60	12.355
7 days	60	12.515
3 days	60	13.685
Sig.		.141

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY Kacc BY CP
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

Kacc

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
3 days	60	4.6115	2.92514	.37763	3.8559	5.3671	.78
7 days	60	3.9800	2.71655	.35071	3.2782	4.6818	.42
28 days	60	3.2300	2.23081	.28800	2.6537	3.8063	.00
Total	180	3.9405	2.68582	.20019	3.5455	4.3355	.00

Descriptives

Kacc

	Maximum
3 days	11.58
7 days	11.04
28 days	9.18
Total	11.58

ANOVA

Kacc

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	57.397	2	28.698	4.117	.018
Within Groups	1233.844	177	6.971		
Total	1291.241	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Kacc

Scheffe

(I) CP	(J) CP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
3 days	7 days	.63150	.48204	.426	-.5585	1.8215
	28 days	1.38150*	.48204	.018	.1915	2.5715
7 days	3 days	-.63150	.48204	.426	-1.8215	.5585
	28 days	.75000	.48204	.301	-.4400	1.9400
28 days	3 days	-1.38150*	.48204	.018	-2.5715	-.1915
	7 days	-.75000	.48204	.301	-1.9400	.4400

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Kacc

Scheffe

CP	N	Subset for alpha = 0.05	
		1	2
28 days	60	3.2300	
7 days	60	3.9800	3.9800
3 days	60		4.6115
Sig.		.301	.426

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY Knat BY EC
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

Knat

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Indoor	60	6.6552	3.39242	.43796	5.7788	7.5315
Outdoor sheltered	60	7.7213	4.19702	.54183	6.6371	8.8055
Outdoor exposed	60	4.5863	2.82881	.36520	3.8556	5.3171
Total	180	6.3209	3.73367	.27829	5.7718	6.8701

Descriptives

Knat

	Minimum	Maximum
Indoor	1.11	15.75
Outdoor sheltered	1.35	18.48
Outdoor exposed	.55	12.87
Total	.55	18.48

ANOVA

Knat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	304.900	2	152.450	12.319	.000
Within Groups	2190.412	177	12.375		
Total	2495.312	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Knat

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	-1.06617	.64227	.255	-2.6517
	Outdoor exposed	2.06883*	.64227	.006	.4833
Outdoor sheltered	Indoor	1.06617	.64227	.255	-.5193
	Outdoor exposed	3.13500*	.64227	.000	1.5495
Outdoor exposed	Indoor	-2.06883*	.64227	.006	-3.6543
	Outdoor sheltered	-3.13500*	.64227	.000	-4.7205

Multiple Comparisons

Dependent Variable: Knat

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	.5193
	Outdoor exposed	3.6543*
Outdoor sheltered	Indoor	2.6517
	Outdoor exposed	4.7205*
Outdoor exposed	Indoor	-.4833*
	Outdoor sheltered	-1.5495*

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Knat

Scheffe

EC	N	Subset for alpha = 0.05	
		1	2
Outdoor exposed	60	4.5863	
Indoor	60		6.6552
Outdoor sheltered	60		7.7213
Sig.		1.000	.255

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY w_b BY EC
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptives

w_b

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Indoor	60	.5625	.13039	.01683	.5288	.5962
Outdoor sheltered	60	.5625	.13039	.01683	.5288	.5962
Outdoor exposed	60	.5625	.13039	.01683	.5288	.5962
Total	180	.5625	.12966	.00966	.5434	.5816

Descriptives

w_b

	Minimum	Maximum
Indoor	.40	.75
Outdoor sheltered	.40	.75

Outdoor exposed	.40	.75
Total	.40	.75

ANOVA

w_b

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	3.009	177	.017		
Total	3.009	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: w_b

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	.00000	.02381	1.000	-.0588
	Outdoor exposed	.00000	.02381	1.000	-.0588
Outdoor sheltered	Indoor	.00000	.02381	1.000	-.0588
	Outdoor exposed	.00000	.02381	1.000	-.0588
Outdoor exposed	Indoor	.00000	.02381	1.000	-.0588
	Outdoor sheltered	.00000	.02381	1.000	-.0588

Multiple Comparisons

Dependent Variable: w_b

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	.0588

	Outdoor exposed	.0588
Outdoor sheltered	Indoor	.0588
	Outdoor exposed	.0588
Outdoor exposed	Indoor	.0588
	Outdoor sheltered	.0588

Homogeneous Subsets

w_b

Scheffe

EC	N	Subset for alpha = 0.05
		1
Indoor	60	.5625
Outdoor sheltered	60	.5625
Outdoor exposed	60	.5625
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY W BY EC
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

W

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Indoor	60	203.75	16.484	2.128	199.49	208.01
Outdoor sheltered	60	203.75	16.484	2.128	199.49	208.01
Outdoor exposed	60	203.75	16.484	2.128	199.49	208.01
Total	180	203.75	16.391	1.222	201.34	206.16

Descriptives

W

	Minimum	Maximum
Indoor	180	225
Outdoor sheltered	180	225
Outdoor exposed	180	225
Total	180	225

ANOVA

W

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	48093.750	177	271.716		
Total	48093.750	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: W

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	.000	3.010	1.000	-7.43
	Outdoor exposed	.000	3.010	1.000	-7.43
Outdoor sheltered	Indoor	.000	3.010	1.000	-7.43
	Outdoor exposed	.000	3.010	1.000	-7.43
Outdoor exposed	Indoor	.000	3.010	1.000	-7.43
	Outdoor sheltered	.000	3.010	1.000	-7.43

Multiple Comparisons

Dependent Variable: W

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	7.43
	Outdoor exposed	7.43
Outdoor sheltered	Indoor	7.43
	Outdoor exposed	7.43
Outdoor exposed	Indoor	7.43
	Outdoor sheltered	7.43

Homogeneous Subsets

W

Scheffe

EC	N	Subset for alpha = 0.05
		1
Indoor	60	203.75
Outdoor sheltered	60	203.75
Outdoor exposed	60	203.75
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```
ONEWAY B BY EC
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .
```

Oneway

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Descriptives

B

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Indoor	60	375.00	56.373	7.278	360.44	389.56
Outdoor sheltered	60	375.00	56.373	7.278	360.44	389.56
Outdoor exposed	60	375.00	56.373	7.278	360.44	389.56
Total	180	375.00	56.058	4.178	366.75	383.25

Descriptives

B

	Minimum	Maximum
Indoor	300	450
Outdoor sheltered	300	450
Outdoor exposed	300	450
Total	300	450

ANOVA

B

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	562500.000	177	3177.966		
Total	562500.000	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: B

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	.000	10.292	1.000	-25.41
	Outdoor exposed	.000	10.292	1.000	-25.41
Outdoor sheltered	Indoor	.000	10.292	1.000	-25.41
	Outdoor exposed	.000	10.292	1.000	-25.41
Outdoor exposed	Indoor	.000	10.292	1.000	-25.41
	Outdoor sheltered	.000	10.292	1.000	-25.41

Multiple Comparisons

Dependent Variable: B

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	25.41
	Outdoor exposed	25.41
Outdoor sheltered	Indoor	25.41
	Outdoor exposed	25.41
Outdoor exposed	Indoor	25.41
	Outdoor sheltered	25.41

Homogeneous Subsets

B

Scheffe

EC	N	Subset for alpha = 0.05
		1
Indoor	60	375.00
Outdoor sheltered	60	375.00
Outdoor exposed	60	375.00
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```
ONEWAY C BY EC
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .
```

Oneway

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Descriptives

C

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Indoor	60	262.50	95.702	12.355	237.78	287.22
Outdoor sheltered	60	262.50	95.702	12.355	237.78	287.22
Outdoor exposed	60	262.50	95.702	12.355	237.78	287.22
Total	180	262.50	95.166	7.093	248.50	276.50

Descriptives

C

	Minimum	Maximum
Indoor	120	450
Outdoor sheltered	120	450
Outdoor exposed	120	450
Total	120	450

ANOVA

C

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	1621125.000	177	9158.898		
Total	1621125.000	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: C

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	.000	17.473	1.000	-43.13
	Outdoor exposed	.000	17.473	1.000	-43.13
Outdoor sheltered	Indoor	.000	17.473	1.000	-43.13
	Outdoor exposed	.000	17.473	1.000	-43.13
Outdoor exposed	Indoor	.000	17.473	1.000	-43.13
	Outdoor sheltered	.000	17.473	1.000	-43.13

Multiple Comparisons

Dependent Variable: C

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	43.13
	Outdoor exposed	43.13
Outdoor sheltered	Indoor	43.13
	Outdoor exposed	43.13
Outdoor exposed	Indoor	43.13
	Outdoor sheltered	43.13

Homogeneous Subsets

C

Scheffe

EC	N	Subset for alpha = 0.05
		1
Indoor	60	262.50
Outdoor sheltered	60	262.50
Outdoor exposed	60	262.50
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```
ONEWAY SCM BY EC
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .
```

Oneway

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Descriptives

SCM

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Indoor	60	112.50	88.813	11.466	89.56	135.44
Outdoor sheltered	60	112.50	88.813	11.466	89.56	135.44
Outdoor exposed	60	112.50	88.813	11.466	89.56	135.44
Total	180	112.50	88.315	6.583	99.51	125.49

Descriptives

SCM

	Minimum	Maximum
Indoor	0	270
Outdoor sheltered	0	270
Outdoor exposed	0	270
Total	0	270

ANOVA

SCM

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	1396125.000	177	7887.712		
Total	1396125.000	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: SCM

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	.000	16.215	1.000	-40.03
	Outdoor exposed	.000	16.215	1.000	-40.03
Outdoor sheltered	Indoor	.000	16.215	1.000	-40.03
	Outdoor exposed	.000	16.215	1.000	-40.03
Outdoor exposed	Indoor	.000	16.215	1.000	-40.03
	Outdoor sheltered	.000	16.215	1.000	-40.03

Multiple Comparisons

Dependent Variable: SCM

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	40.03
	Outdoor exposed	40.03
Outdoor sheltered	Indoor	40.03
	Outdoor exposed	40.03
Outdoor exposed	Indoor	40.03
	Outdoor sheltered	40.03

Homogeneous Subsets

SCM

Scheffe

EC	N	Subset for alpha = 0.05
		1
Indoor	60	112.50
Outdoor sheltered	60	112.50
Outdoor exposed	60	112.50
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY fc BY EC
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

fc

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean
--	---	------	----------------	------------	----------------------------------

					Lower Bound	Upper Bound
Indoor	60	35.8872	18.66990	2.41027	31.0642	40.7101
Outdoor sheltered	60	35.8872	18.66990	2.41027	31.0642	40.7101
Outdoor exposed	60	35.8872	18.66990	2.41027	31.0642	40.7101
Total	180	35.8872	18.56530	1.38378	33.1566	38.6178

Descriptives

fc

	Minimum	Maximum
Indoor	8.73	91.40
Outdoor sheltered	8.73	91.40
Outdoor exposed	8.73	91.40
Total	8.73	91.40

ANOVA

fc

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	61696.012	177	348.565		
Total	61696.012	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: fc

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	.00000	3.40864	1.000	-8.4146
	Outdoor exposed	.00000	3.40864	1.000	-8.4146

Outdoor sheltered	Indoor	.00000	3.40864	1.000	-8.4146
	Outdoor exposed	.00000	3.40864	1.000	-8.4146
Outdoor exposed	Indoor	.00000	3.40864	1.000	-8.4146
	Outdoor sheltered	.00000	3.40864	1.000	-8.4146

Multiple Comparisons

Dependent Variable: fc

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	8.4146
	Outdoor exposed	8.4146
Outdoor sheltered	Indoor	8.4146
	Outdoor exposed	8.4146
Outdoor exposed	Indoor	8.4146
	Outdoor sheltered	8.4146

Homogeneous Subsets

fc

Scheffe

EC	N	Subset for alpha = 0.05
		1
Indoor	60	35.8872
Outdoor sheltered	60	35.8872
Outdoor exposed	60	35.8872
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

ONEWAY OPI BY EC
/STATISTICS DESCRIPTIVES

```

/MISSING ANALYSIS
/POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

OPI

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Indoor	60	9.633	.4066	.0525	9.528	9.738
Outdoor sheltered	60	9.633	.4066	.0525	9.528	9.738
Outdoor exposed	60	9.633	.4066	.0525	9.528	9.738
Total	180	9.633	.4043	.0301	9.574	9.693

Descriptives

OPI

	Minimum	Maximum
Indoor	8.2	10.4
Outdoor sheltered	8.2	10.4
Outdoor exposed	8.2	10.4
Total	8.2	10.4

ANOVA

OPI

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	29.260	177	.165		
Total	29.260	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: OPI

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	.0000	.0742	1.000	-.183
	Outdoor exposed	.0000	.0742	1.000	-.183
Outdoor sheltered	Indoor	.0000	.0742	1.000	-.183
	Outdoor exposed	.0000	.0742	1.000	-.183
Outdoor exposed	Indoor	.0000	.0742	1.000	-.183
	Outdoor sheltered	.0000	.0742	1.000	-.183

Multiple Comparisons

Dependent Variable: OPI

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	.183
	Outdoor exposed	.183
Outdoor sheltered	Indoor	.183
	Outdoor exposed	.183
Outdoor exposed	Indoor	.183
	Outdoor sheltered	.183

Homogeneous Subsets

OPI

Scheffe

EC	N	Subset for alpha = 0.05
		1
Indoor	60	9.633
Outdoor sheltered	60	9.633
Outdoor exposed	60	9.633
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY WS BY EC
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

WS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Indoor	60	10.028	3.9076	.5045	9.019	11.038
Outdoor sheltered	60	10.028	3.9076	.5045	9.019	11.038
Outdoor exposed	60	10.028	3.9076	.5045	9.019	11.038
Total	180	10.028	3.8857	.2896	9.457	10.600

Descriptives

WS

	Minimum	Maximum
Indoor	3.4	20.0
Outdoor sheltered	3.4	20.0
Outdoor exposed	3.4	20.0
Total	3.4	20.0

ANOVA

WS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	2702.705	177	15.270		
Total	2702.705	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: WS

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	.0000	.7134	1.000	-1.761
	Outdoor exposed	.0000	.7134	1.000	-1.761
Outdoor sheltered	Indoor	.0000	.7134	1.000	-1.761
	Outdoor exposed	.0000	.7134	1.000	-1.761
Outdoor exposed	Indoor	.0000	.7134	1.000	-1.761
	Outdoor sheltered	.0000	.7134	1.000	-1.761

Multiple Comparisons

Dependent Variable: WS

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	1.761
	Outdoor exposed	1.761
Outdoor sheltered	Indoor	1.761
	Outdoor exposed	1.761
Outdoor exposed	Indoor	1.761
	Outdoor sheltered	1.761

Homogeneous Subsets

WS

Scheffe

EC	N	Subset for alpha = 0.05
		1
Indoor	60	10.028
Outdoor sheltered	60	10.028
Outdoor exposed	60	10.028
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY CH BY EC
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

CH

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Indoor	60	13.4373	2.03234	.26237	12.9123	13.9623
Outdoor sheltered	60	13.4373	2.03234	.26237	12.9123	13.9623
Outdoor exposed	60	13.4373	2.03234	.26237	12.9123	13.9623
Total	180	13.4373	2.02095	.15063	13.1401	13.7346

Descriptives

CH

	Minimum	Maximum
Indoor	9.28	18.73
Outdoor sheltered	9.28	18.73
Outdoor exposed	9.28	18.73
Total	9.28	18.73

ANOVA

CH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	731.081	177	4.130		
Total	731.081	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: CH

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	.00000	.37105	1.000	-.9160
	Outdoor exposed	.00000	.37105	1.000	-.9160
Outdoor sheltered	Indoor	.00000	.37105	1.000	-.9160
	Outdoor exposed	.00000	.37105	1.000	-.9160
Outdoor exposed	Indoor	.00000	.37105	1.000	-.9160
	Outdoor sheltered	.00000	.37105	1.000	-.9160

Multiple Comparisons

Dependent Variable: CH

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	.9160
	Outdoor exposed	.9160
Outdoor sheltered	Indoor	.9160
	Outdoor exposed	.9160
Outdoor exposed	Indoor	.9160
	Outdoor sheltered	.9160

Homogeneous Subsets

CH

Scheffe

EC	N	Subset for alpha = 0.05
----	---	----------------------------

		1
Indoor	60	13.4373
Outdoor sheltered	60	13.4373
Outdoor exposed	60	13.4373
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY CaO BY EC
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

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Descriptives

CaO

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Indoor	60	12.852	3.7059	.4784	11.894	13.809
Outdoor sheltered	60	12.852	3.7059	.4784	11.894	13.809
Outdoor exposed	60	12.852	3.7059	.4784	11.894	13.809
Total	180	12.852	3.6851	.2747	12.310	13.394

Descriptives

CaO

	Minimum	Maximum
Indoor	7.1	23.8
Outdoor sheltered	7.1	23.8

Outdoor exposed	7.1	23.8
Total	7.1	23.8

ANOVA

CaO

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	2430.869	177	13.734		
Total	2430.869	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: CaO

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	.0000	.6766	1.000	-1.670
	Outdoor exposed	.0000	.6766	1.000	-1.670
Outdoor sheltered	Indoor	.0000	.6766	1.000	-1.670
	Outdoor exposed	.0000	.6766	1.000	-1.670
Outdoor exposed	Indoor	.0000	.6766	1.000	-1.670
	Outdoor sheltered	.0000	.6766	1.000	-1.670

Multiple Comparisons

Dependent Variable: CaO

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	1.670

Outdoor sheltered	Outdoor exposed	1.670
	Indoor	1.670
Outdoor exposed	Outdoor exposed	1.670
	Indoor	1.670
	Outdoor sheltered	1.670

Homogeneous Subsets

CaO

Scheffe

EC	N	Subset for alpha = 0.05
		1
Indoor	60	12.852
Outdoor sheltered	60	12.852
Outdoor exposed	60	12.852
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.

```

ONEWAY Kacc BY EC
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS
  /POSTHOC=SCHEFFE ALPHA(0.05) .

```

Oneway

[DataSet1] C:\Users\ADMIN\Desktop\Modelling Analysis File 1.sav

Descriptives

Kacc

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Indoor	60	3.9405	2.70095	.34869	3.2428	4.6382
Outdoor sheltered	60	3.9405	2.70095	.34869	3.2428	4.6382
Outdoor exposed	60	3.9405	2.70095	.34869	3.2428	4.6382
Total	180	3.9405	2.68582	.20019	3.5455	4.3355

Descriptives

Kacc

	Minimum	Maximum
Indoor	.00	11.58
Outdoor sheltered	.00	11.58
Outdoor exposed	.00	11.58
Total	.00	11.58

ANOVA

Kacc

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	2	.000	.000	1.000
Within Groups	1291.241	177	7.295		
Total	1291.241	179			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Kacc

Scheffe

(I) EC	(J) EC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
Indoor	Outdoor sheltered	.00000	.49312	1.000	-1.2173
	Outdoor exposed	.00000	.49312	1.000	-1.2173
Outdoor sheltered	Indoor	.00000	.49312	1.000	-1.2173
	Outdoor exposed	.00000	.49312	1.000	-1.2173
Outdoor exposed	Indoor	.00000	.49312	1.000	-1.2173
	Outdoor sheltered	.00000	.49312	1.000	-1.2173

Multiple Comparisons

Dependent Variable: Kacc

Scheffe

(I) EC	(J) EC	95% Confidence Interval
		Upper Bound
Indoor	Outdoor sheltered	1.2173
	Outdoor exposed	1.2173
Outdoor sheltered	Indoor	1.2173
	Outdoor exposed	1.2173
Outdoor exposed	Indoor	1.2173
	Outdoor sheltered	1.2173

Homogeneous Subsets

Kacc

Scheffe

EC	N	Subset for alpha = 0.05
		1
Indoor	60	3.9405
Outdoor sheltered	60	3.9405
Outdoor exposed	60	3.9405
Sig.		1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 60.000.