```
NEW FILE.
DATASET NAME DataSet1 WINDOW=FRONT.
DESCRIPTIVES VARIABLES=Data
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

```
[DataSet1]
```

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Data	20	82.04	91.86	86.8094	4.54310
Valid N (listwise)	20				

```
T-TEST GROUPS=Lable(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=Data
  /CRITERIA=CI(.95).
```

T-Test

Group Statistics

	Lable	N	Mean	Std. Deviation	Std. Error Mean
Data	CNN AlexNet	10	91.2231	.43701	.13819
	ResNet 50	10	82.3957	.30202	.09551

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
Data	Equal variances assumed	1.373	.257	52.549	18
	Equal variances not assumed			52.549	16.000

Independent Samples Test

		t-test for Equality of Means			
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence ... Lower
Data	Equal variances assumed	.000	8.82741	.16799	8.47449
	Equal variances not assumed	.000	8.82741	.16799	8.47130

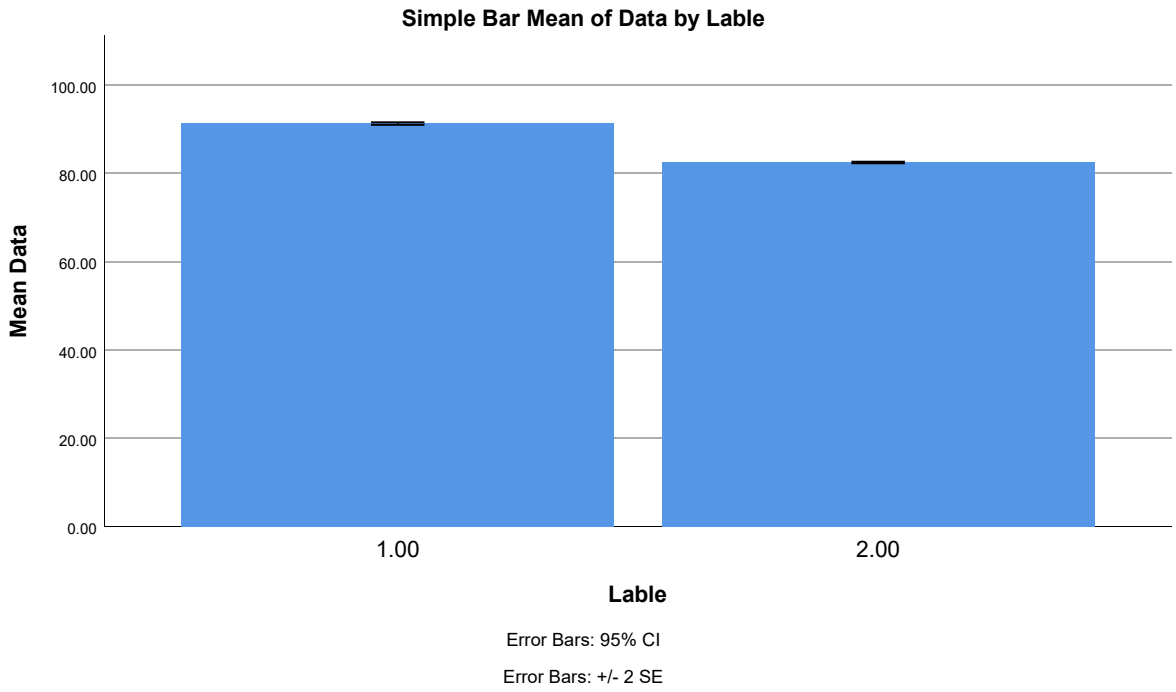
Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the ...	
		Upper	
Data	Equal variances assumed	9.18034	
	Equal variances not assumed	9.18353	

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Lable MEANSE(Data, 2)[name="M
EAN_Data"
    LOW="MEAN_Data_LOW" HIGH="MEAN_Data_HIGH"] MISSING=LISTWISE REPORTMISSI
NG=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Lable=col(source(s), name("Lable"), unit.category())
  DATA: MEAN_Data=col(source(s), name("MEAN_Data"))
  DATA: LOW=col(source(s), name("MEAN_Data_LOW"))
  DATA: HIGH=col(source(s), name("MEAN_Data_HIGH"))
  GUIDE: axis(dim(1), label("Lable"))
  GUIDE: axis(dim(2), label("Mean Data"))
  GUIDE: text.title(label("Simple Bar Mean of Data by Lable"))
  GUIDE: text.footnote(label("Error Bars: 95% CI"))
  GUIDE: text.subfootnote(label("Error Bars: +/- 2 SE"))
  SCALE: cat(dim(1), include("1.00", "2.00"))
  SCALE: linear(dim(2), include(0))
  ELEMENT: interval(position(Lable*MEAN_Data), shape.interior(shape.square)
)
  ELEMENT: interval(position(region.spread.range(Lable*(LOW+HIGH))), shape.
interior(shape.ibeam))
```

```
END GPL.
```

GGraph




```
DESCRIPTIVES VARIABLES=Data
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Data	20	75.21	91.86	83.6372	7.80466
Valid N (listwise)	20				

```
T-TEST GROUPS=Lable(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=Data
  /CRITERIA=CI(.95).
```

T-Test

Group Statistics

	Lable	N	Mean	Std. Deviation	Std. Error Mean
Data	CNN AlexNet	10	91.2231	.43701	.13819
	DenseNet	10	76.0513	.72379	.22888

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
Data	Equal variances assumed	10.613	.004	56.745	18
	Equal variances not assumed			56.745	14.792

Independent Samples Test

		t-test for Equality of Means			
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence ... Lower
Data	Equal variances assumed	.000	15.17173	.26737	14.61002
	Equal variances not assumed	.000	15.17173	.26737	14.60116

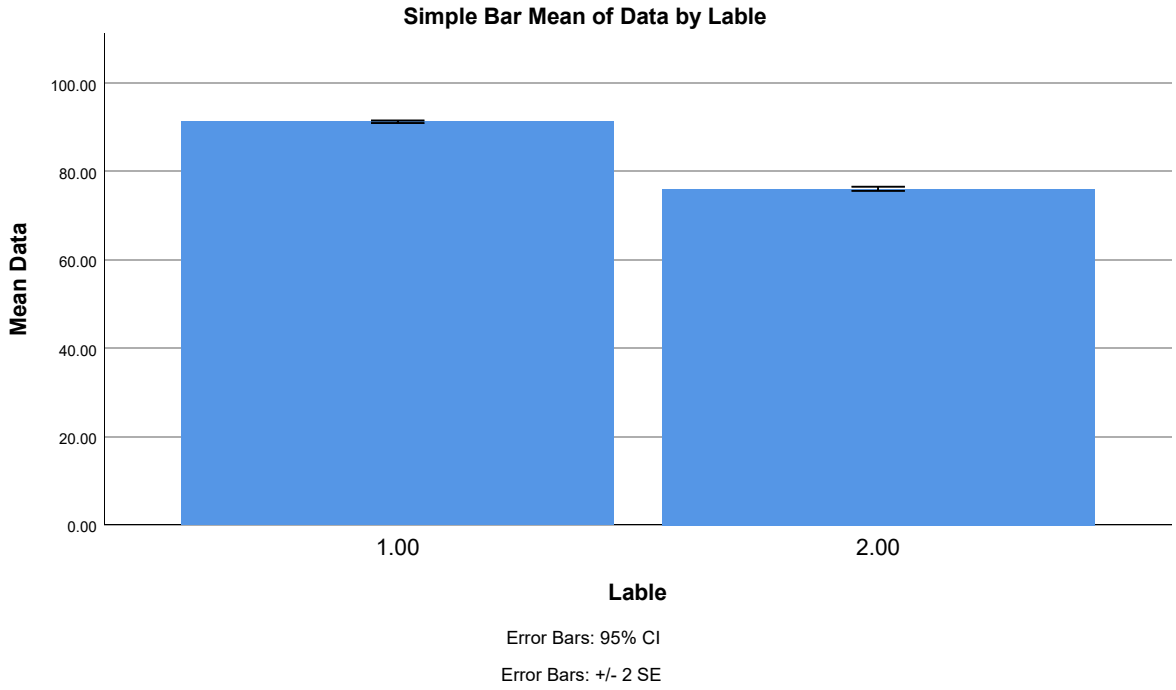
Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the ...	
		Upper	
Data	Equal variances assumed	15.73344	
	Equal variances not assumed	15.74230	

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Lable MEANSE(Data, 2)[name="M
EAN_Data"
    LOW="MEAN_Data_LOW" HIGH="MEAN_Data_HIGH"] MISSING=LISTWISE REPORTMISSI
NG=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Lable=col(source(s), name("Lable"), unit.category())
  DATA: MEAN_Data=col(source(s), name("MEAN_Data"))
  DATA: LOW=col(source(s), name("MEAN_Data_LOW"))
  DATA: HIGH=col(source(s), name("MEAN_Data_HIGH"))
```

```
  GUIDE: axis(dim(1), label("Lable"))
  GUIDE: axis(dim(2), label("Mean Data"))
  GUIDE: text.title(label("Simple Bar Mean of Data by Lable"))
  GUIDE: text.footnote(label("Error Bars: 95% CI"))
  GUIDE: text.subfootnote(label("Error Bars: +/- 2 SE"))
  SCALE: cat(dim(1), include("1.00", "2.00"))
  SCALE: linear(dim(2), include(0))
  ELEMENT: interval(position(Lable*MEAN_Data), shape.interior(shape.square)
)
  ELEMENT: interval(position(region.spread.range(Lable*(LOW+HIGH))), shape.
interior(shape.ibeam))
END GPL.
```

GGraph




```
DESCRIPTIVES VARIABLES=Data
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Data	20	81.11	91.86	86.5197	4.85281
Valid N (listwise)	20				

```
T-TEST GROUPS=Lable(1 2)
  /MISSING=ANALYSIS
```

```
  /VARIABLES=Data
  /CRITERIA=CI(.95).
```

T-Test

Group Statistics

	Lable	N	Mean	Std. Deviation	Std. Error Mean
Data	CNN AlexNet	10	91.2231	.43701	.13819
	Artificial Neural Network	10	81.8163	.60461	.19120

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
Data	Equal variances assumed	2.199	.155	39.875	18
	Equal variances not assumed			39.875	16.387

Independent Samples Test

		t-test for Equality of Means			
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence ... Lower
Data	Equal variances assumed	.000	9.40678	.23591	8.91115
	Equal variances not assumed	.000	9.40678	.23591	8.90763

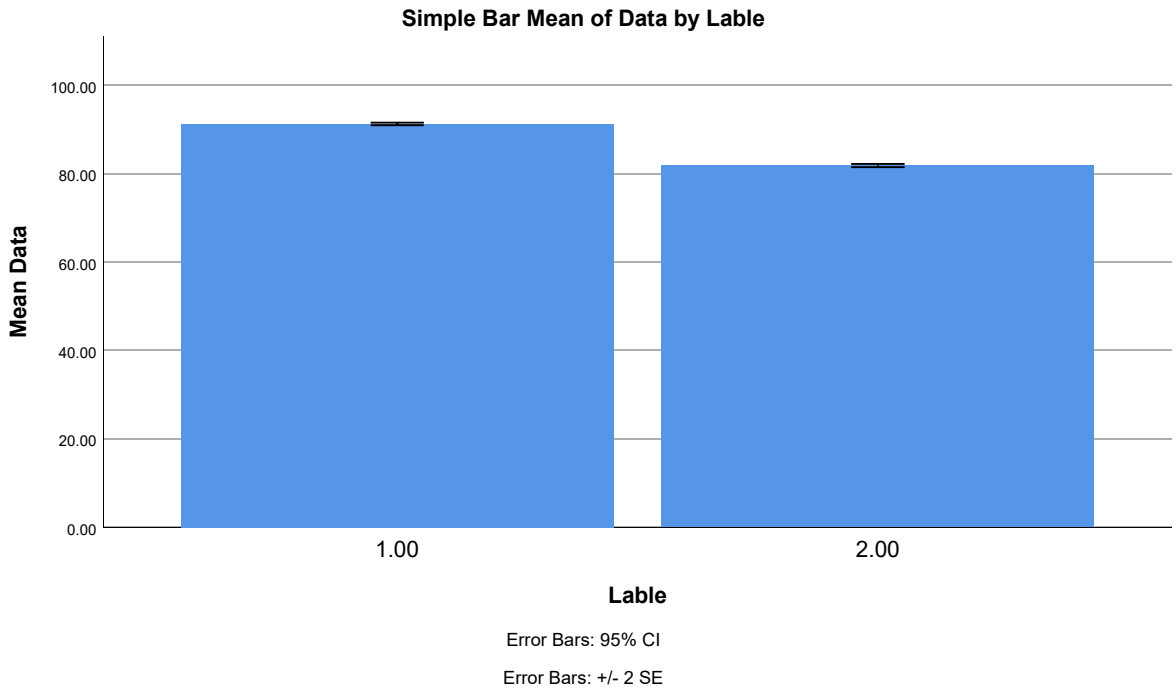
Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the ...	
		Upper	
Data	Equal variances assumed	9.90241	
	Equal variances not assumed	9.90593	

```
* Chart Builder.
GGRAPH
```

```
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Lable MEANSE(Data, 2)[name="M
EAN_Data"
    LOW="MEAN_Data_LOW" HIGH="MEAN_Data_HIGH"] MISSING=LISTWISE REPORTMISSI
NG=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Lable=col(source(s), name("Lable"), unit.category())
  DATA: MEAN_Data=col(source(s), name("MEAN_Data"))
  DATA: LOW=col(source(s), name("MEAN_Data_LOW"))
  DATA: HIGH=col(source(s), name("MEAN_Data_HIGH"))
  GUIDE: axis(dim(1), label("Lable"))
  GUIDE: axis(dim(2), label("Mean Data"))
  GUIDE: text.title(label("Simple Bar Mean of Data by Lable"))
  GUIDE: text.footnote(label("Error Bars: 95% CI"))
  GUIDE: text.subfootnote(label("Error Bars: +/- 2 SE"))
  SCALE: cat(dim(1), include("1.00", "2.00"))
  SCALE: linear(dim(2), include(0))
  ELEMENT: interval(position(Lable*MEAN_Data), shape.interior(shape.square)
)
  ELEMENT: interval(position(region.spread.range(Lable*(LOW+HIGH))), shape.
interior(shape.ibeam))
END GPL.
```

GGraph




```
DESCRIPTIVES VARIABLES=Data
```

```
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Data	20	85.30	91.86	88.6125	2.72437
Valid N (listwise)	20				

```
T-TEST GROUPS=Lable(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=Data
  /CRITERIA=CI(.95).
```

T-Test

Group Statistics

	Lable	N	Mean	Std. Deviation	Std. Error Mean
Data	CNN AlexNet	10	91.2231	.43701	.13819
	Multi Layer Prceptron	10	86.0019	.57731	.18256

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
Data	Equal variances assumed	2.132	.162	22.803	18
	Equal variances not assumed			22.803	16.765

Independent Samples Test

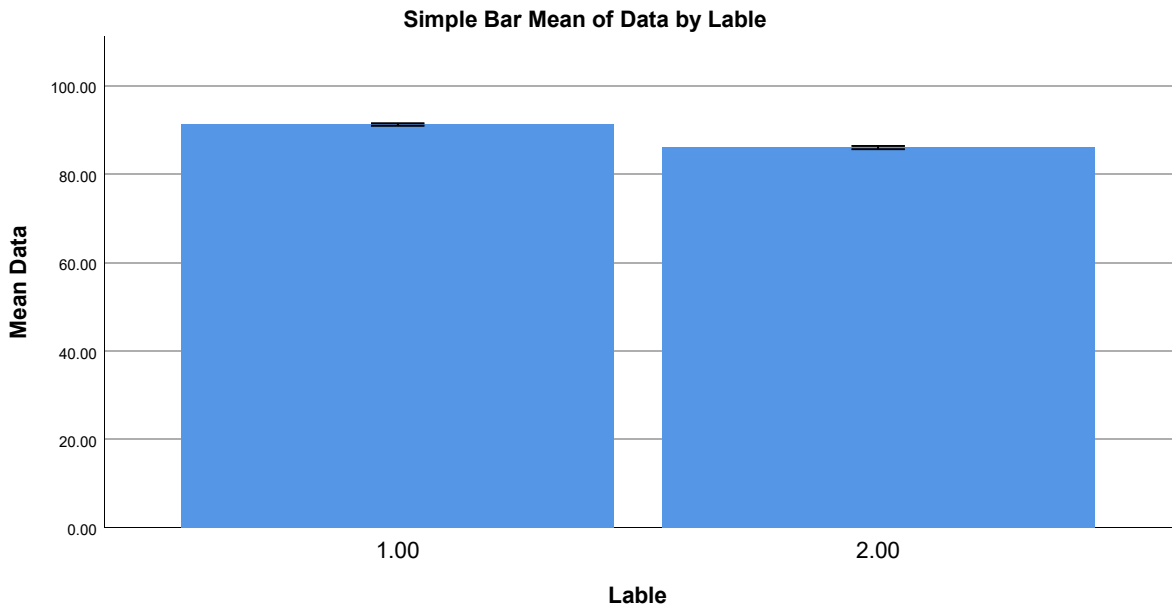
		t-test for Equality of Means			
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence ... Lower
Data	Equal variances assumed	.000	5.22117	.22897	4.74013
	Equal variances not assumed	.000	5.22117	.22897	4.73757

Independent Samples Test

		t-test for Equality of Means: 95% Confidence Interval of the ... Upper
Data	Equal variances assumed	5.70222
	Equal variances not assumed	5.70477

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Lable MEANSE(Data, 2)[name="M
EAN_Data"
    LOW="MEAN_Data_LOW" HIGH="MEAN_Data_HIGH"] MISSING=LISTWISE REPORTMISSI
NG=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Lable=col(source(s), name("Lable"), unit.category())
  DATA: MEAN_Data=col(source(s), name("MEAN_Data"))
  DATA: LOW=col(source(s), name("MEAN_Data_LOW"))
  DATA: HIGH=col(source(s), name("MEAN_Data_HIGH"))
  GUIDE: axis(dim(1), label("Lable"))
  GUIDE: axis(dim(2), label("Mean Data"))
  GUIDE: text.title(label("Simple Bar Mean of Data by Lable"))
  GUIDE: text.footnote(label("Error Bars: 95% CI"))
  GUIDE: text.subfootnote(label("Error Bars: +/- 2 SE"))
  SCALE: cat(dim(1), include("1.00", "2.00"))
  SCALE: linear(dim(2), include(0))
  ELEMENT: interval(position(Lable*MEAN_Data), shape.interior(shape.square)
)
  ELEMENT: interval(position(region.spread.range(Lable*(LOW+HIGH))), shape.
interior(shape.ibeam))
END GPL.
```

GGraph



Error Bars: 95% CI

Error Bars: +/- 2 SE