```
T-TEST GROUPS=Algorithm(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=accuracy
  /ES DISPLAY(TRUE)
  /CRITERIA=CI(.95).
```

T-Test

Group Statistics

	Algorithm	N	Mean	Std. Deviation	Std. Error Mean
accuracy	Linear Regression	10	99.9600	.05164	.01633
	Support Vector Machine	10	96.5900	.50870	.16087

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
accuracy	Equal variances assumed	158.439	.000	20.842	18
	Equal variances not assumed			20.842	9.185

Independent Samples Test

		t-test for Equality of Means			95% Confidence ...
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower
accuracy	Equal variances assumed	.000	3.37000	.16169	3.03030
	Equal variances not assumed	.000	3.37000	.16169	3.00535

Independent Samples Test

		t-test for Equality of Means
		95% Confidence Interval of the ...
		Upper
accuracy	Equal variances assumed	3.70970
	Equal variances not assumed	3.73465

Independent Samples Effect Sizes

		Standardizer[a]	Point Estimate	95% Confidence Interval	
				Lower	Upper
accuracy	Cohen's d	.36156	9.321	6.167	12.451
	Hedges' correction	.37755	8.926	5.906	11.924
	Glass's delta	.50870	6.625	3.487	9.744

a. The denominator used in estimating the effect sizes.
Cohen's d uses the pooled standard deviation.
Hedges' correction uses the pooled standard deviation, plus a correction factor.
Glass's delta uses the sample standard deviation of the control group.

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Algorithm accuracy MISSING=LISTWISE REPORTM
ISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Algorithm=col(source(s), name("Algorithm"), unit.category())
  DATA: accuracy=col(source(s), name("accuracy"), unit.category())
  GUIDE: axis(dim(1), label("Algorithm"))
  GUIDE: axis(dim(2), label("accuracy"))
  GUIDE: text.title(label("Simple Bar of accuracy by Algorithm"))
  SCALE: cat(dim(1), include("1.00", "2.00"))
  SCALE: cat(dim(2), include("1.00", "2.00"))
  ELEMENT: interval(position(Algorithm*accuracy), shape.interior(shape.square))
END GPL.
```

GGraph

Simple Bar of accuracy by Algorithm

Chart showing accuracy by Algorithm. Y-axis labeled "accuracy" with values 100.00, 99.90, 97.00, 96.90, 96.00, Support Vector Machine, Linear Regresion. X-axis labeled "Algorithm" with categories Linear Regression and Support Vector Machine.