Table 28-1 Chi-Square Goodness of Fit to a Uniform Distribution: Frequency of Left-Sided and Right-Sided Stroke

```
NPAR TESTS
  /CHISQUARE=Side
  /EXPECTED=EQUAL
  /STATISTICS DESCRIPTIVES
  /MISSING ANALYSIS.
```

NPar Tests

This test was run using Nonparametric Tests > Legacy Dialogs > Chi-Square

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Side	233	1.57	.497	1	2

Chi-Square Test

Frequencies

Side

	Observed N	Expected N	Residual
Right	101	116.5	-15.5
Left	132	116.5	15.5
Total	233		

Test Statistics

	Side
Chi-Square	4.124[a]
df	1
Asymp. Sig.	.042

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 116.5.

```
*Nonparametric Tests: One Sample.
NPTESTS
  /ONESAMPLE TEST (Side) CHISQUARE(EXPECTED=EQUAL)
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
  /CRITERIA ALPHA=0.05 CILEVEL=95.
```

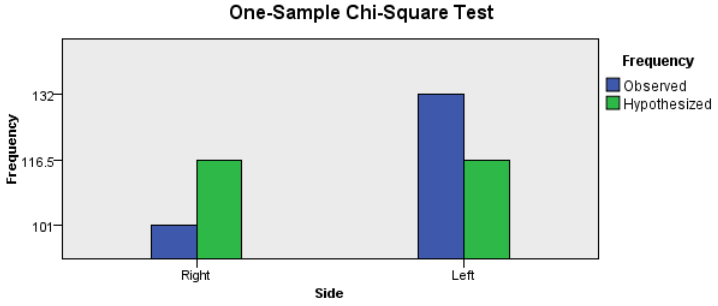
Nonparametric Tests

This test was run using Nonparametric Tests > One Sample (Settings: Customize Tests> Compare observed probabilities to hypothesized (Chi-Square test). In SPSS, by double-clicking on the Hypothesis Test Summary box, the results will be displayed. Results are shown here.

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The categories of Side occur with equal probabilities.	One-Sample Chi-Square Test	.042	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.



Total N	233
Test Statistic	4.124
Degrees of Freedom	1
Asymptotic Sig. (2-sided test)	.042

1. There are 0 cells (0%) with expected values less than 5. The minimum expected value is 116.500.