

7.1.4 JASP

Binomial Test

Binomial Test

| Variable | Level | Counts | Total | Proportion | p |
|----------|-------|--------|-------|------------|--------|
| Guesses | 0 | 3 | 10 | 0.3000 | 0.7184 |
| | 1 | 7 | 10 | 0.7000 | 0.0035 |

Note: Proportions tested against value: 0.25.

Figure 7.1: JASP Output for Binomial Test

7.1.5 SPSS

```
DATASET NAME DataSet1 WINDOW=FRONT.
```

```
*Nonparametric Tests: One Sample.
```

```
NPTESTS
```

```
  /ONESAMPLE TEST (Guesses) BINOMIAL(TESTVALUE=0.25 SUCCESSCATEGORICAL=FIRST SUCCESSCONTINUOUS=CUT)
```

```
  /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE
```

```
  /CRITERIA ALPHA=0.05 CILEVEL=95.
```

One-Sample Binomial Test

Guesses

One-Sample Binomial Test Summary

| | |
|-------------------------------|-------|
| Total N | 10 |
| Test Statistic | 7.000 |
| Standard Error | 1.369 |
| Standardized Test Statistic | 2.921 |
| Asymptotic Sig.(1-sided test) | .002 |
| Exact Sig.(1-sided test) | .004 |