**library(NCStats)**

**distrib(x,mean=##,sd=##,lower.tail=XXXXX,type="X")**

where x is replaced by the value of the quantitative variable or the area

mean=## has ## replaced by the value of the mean

sd=## had ## replaced by the value of the standard deviation/error

lower.tail=XXXXX has XXXXX replaced with TRUE (the default) for a “left-of” and FALSE for a “right-of” calculation

type=**"**X**"** has X replaced with p (the default) for a forward and q for a reverse question

**sqrt(x)**

where x is replaced by a quantitative value

**( z1 <- z.test(df$var,sd=##,mu=##,alt="XXX", conf.level=0.##) )**

where df$var has df replaced by the name of the data frame and var replaced by the name of the quantitative variable

mu=## has ## replaced by the null hypothesized mean

sd=## has ## replaced by the value of 

alt=**"**XXX**"** has **"**XXX**"** replaced by **"**less**"**, **"**greater**"**, or **"**two.sided**"**

conf.level=0.## has ## replaced by the level of confidence