library(NCStats)

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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 σ

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

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