

```

# GUIA 18

intervaloProp <- function(x, n, nivel.conf=0.95)
{
  pe <- x/n
  alfa <- 1-nivel.conf
  z <- qnorm(1-alfa/2)
  SE <- sqrt(pe*(1-pe)/n)
  print(rbind(pe, alfa, z, SE))
  LInf <- pe-z*SE
  LSup <- pe+z*SE
  print(" ")
  print(paste("Intervalo para p es: [", round(LInf, 2), ",", round(LSup, 2), "]"))
}
x=360; n=1200; nivel.conf=0.95
intervaloProp(x, n, nivel.conf)

##           [,1]
## pe    0.3000000
## alfa  0.0500000
## z     1.95996398
## SE    0.01322876
## [1] " "
## [1] "Intervalo para p es: [ 0.27 , 0.33 ]"

```