```
R version 4.3.1 (2023-06-16 ucrt) -- "Beagle Scouts"
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Platform: x86 64-w64-mingw32/x64 (64-bit)
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 Natural language support but running in an English locale
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[Previously saved workspace restored]
> rm(list = ls())
6,2021,2021,2021,2021,2021,2012,2016,2023,2004,2003,2017,2017,2017,2014,2014,1993,1993,2000,2000,
2000,1999,1993,1993,1993,1993,1998,2004,2004,2006,2005,2001,2001,2018,2018,2016,2016,1999,1999,20
01, 2013, 2013, 2013, 2013, 2011, 1989, 1990, 1990, 1990, 1994, 1994, 1994, 1991, 1993, 1998, 1999, 2014, 2014)
> cor.test(x, y,alternative = "two.sided", method = "spearman", exact=FALSE )
       Spearman's rank correlation rho
data: x and y
S = 105752, p-value = 3.97e-06
alternative hypothesis: true rho is not equal to 0
sample estimates:
     rho
-0.5042972
> # ---- Confidence interval ----
> if(!"RVAideMemoire" %in% installed.packages()) {install.packages("RVAideMemoire")}
> library(RVAideMemoire)
*** Package RVAideMemoire v 0.9-83-3 ***
> spearman.ci(x,y)
       Spearman's rank correlation
data: x and y
1000 replicates
95 percent confidence interval:
-0.6510751 -0.3194530
sample estimates:
      rho
-0.5042972
```