x""", x~ ~ t (* 1 0)

(L, U)

(1-d) 100.1. CI

(1-2) 100.1.

all scriptons from the

distilltons & size of

the perconeter of e (2,0)

(3.7, 4.1) 4.2

comple of very of celestety confidence intervits if our deta is normed distillated

Za tain

Zais the considert for a Tolistin

with v gerreez of Luopon Za = scipg. stats. norm.ppf (1-a) ta, n = scipy. st.ts.t.ppf(1-2, n) 2060x X''">XV -N(N'Q') = Kusnu (1-0) 1001. CI for M $\left(\frac{1}{\chi} + \frac{1}{2a_{12}} +$ if = ~vgv>-v 2 = semble >1) $= \begin{cases} \frac{1}{n-1} \frac{2}{2} (x_{i} - \overline{x})^{2} \\ \frac{1}{n-1} \frac{2}{2} (x_{i} - \overline{x})^{2} \end{cases}$ $\left(\begin{array}{c} \chi - \left(\pm_{d,12,n-1} \right) \sqrt{5} \\ \end{array}\right)$

Bootstrop

4 Zen At

3 one

 $\overline{\chi} = 1.7$

1 two 1 three Seven V=10 m bootstop semples of size n resample dete vith replacement man times donne fa cagon for 0,1,2,3,7 P(0)= 4/10 P(n=3/10 6 (5) = 112 p (3) = 1/10 . p(7)=1/10 ech sorpof size n = oclonete the sample men (1-2)1001 CI d/2 perentile et the bootstry scripte ment

1-4/2 percentil of the bootstap simple
near T

scips. stels. norm, ppt (1-4/2)

$$\sqrt{x} = 1$$

mon (1-1.96. 511)

$$\left(1-2.29,\frac{2}{511},1+2.29,\frac{2}{511}\right)$$