14.

解：$n=15$，$\bar{x}=1.73$，$s=\sqrt{\frac{\sum(x_i-\bar{x})^2}{n-1}}=0.80$，$1-\alpha=0.95$

$t_{\frac{\alpha}{2}}(n-1)=t_{0.025}(14)=2.145$.

$1-\alpha=0.80$，$t_{\frac{\alpha}{2}}(n-1)=t_{0.10}(14)=1.345$.

μ之95%信赖区间，$\bar{x}\pm t_{\frac{\alpha}{2}}(n-1)\frac{s}{\sqrt{n}}=1.73\pm t_{0.025}(14)\frac{0.8}{\sqrt{15}}$.

$=1.73\pm 2.145\frac{0.8}{\sqrt{15}}$

$=1.73\pm 0.44$

即$(1.29, 2.17)$

μ之80%信赖区间为 $\bar{x}\pm t_{\frac{\alpha}{2}}(n-1)\frac{s}{\sqrt{n}}=1.73\pm t_{0.10}(14)\frac{0.8}{\sqrt{15}}$.

$=1.73\pm 1.345\frac{0.8}{\sqrt{15}}$

$=1.73\pm 0.28$.

即$(1.45, 2.01)$