解:大小公司母体服從常态与配

 $N_1=12.$ $\overline{\chi}=36,$ $S_1=5,$ $N_2=15,$ $\overline{y}=32.$ $S_2=7.$ $1-\chi=0.90.$

 $\frac{d}{2}$ =0.05, $t = \frac{1}{2}(n_1+n_2-2) = t0.05(2t) = 1.708$

 $S_p^2 = \frac{(n_1-1)s_1^2 + (n_2-1)s_2^2}{n_1+n_2-2} = \frac{(12-1)s_1^2 + (1s_1)r_2^2}{12+1s_2}$

= 961 = 38.44.

: MI-MZ 之90%信賴区间 (又-Y) = t卷(M1+Mz-Z)] (市:+市z) =136-32) = 17.08] 38.44(七十七)

=4±4.10.

2、休假天教介于一0.10~8.10天之門.