資訊 113 M4094075 張庭菀 1. Popularion: binomial distribution Sample = normal distribution (B) (LT)
1000 x 0.55 = 550 = M J= NAP9 = 16,72 2, = 529.5 -550 = - 1.3 P(530= 7=500) 15.72 Z> 560 15 -550 = 0.67 = 1 (-1.3 = 0.67) 15.7 > = 0.6518 7, flor 7 21 H1: 5 41 $\frac{(n-1)3^{2}}{50^{2}} = \frac{9x}{7} \frac{1.65}{1} = 47.85$ (雙尾卡方線定) 7 79,01025 = 45.122 $\frac{(n-1)5^{2}}{\sqrt{5}} > \chi^{2}_{29}, 0.05 = 45.122(7.1695\% A)$ By Uhi-square > Reject Ho, 有端 技

3.
$$\chi = \pm Jy$$

$$\chi_1 = Jy, \quad \chi_2 = Jy \Rightarrow J_1 = \frac{1}{\pm Jy}, \quad J_2 = \frac{-1}{\pm Jy}$$

$$\begin{cases}
f(y) = \frac{1}{9} \cdot \frac{1}{3}y \\
f(y) = \frac{1}{9} \cdot \frac{1}{3}y$$

4. 90,1(fi) where fi= 20,1(fi) fi 0.07) - 2,04 -116/ 0.054 19.3 0.007 -1.36 -1.17 1,00 -13.6 0,153 - 1.89 0.186 12,2 0,219 -0.11 10.3 0.285 -1159 0.31817 -0147 10. -8.5 0.38 1,351 -0,29 -7.7 -7.6 -1.5 -6.1 -5.3 -1.4 21.1 24.1 25.4 0 384 0,411 -0,2/ 0,450 -0.17 -0.04 0,483 0.04 015/1 01550 0117 11563 9. 21 0,616 0129 01649 0.78 0.47 0,682 0151 01715 0,148 0.67

20,1 (fi) 28,2 0.11 0.180 0.89 0,814 30.4 1,02 0,847 304 0880 1.14 33.2 0,913 1.36 35.b 45.2 0,946 1.61

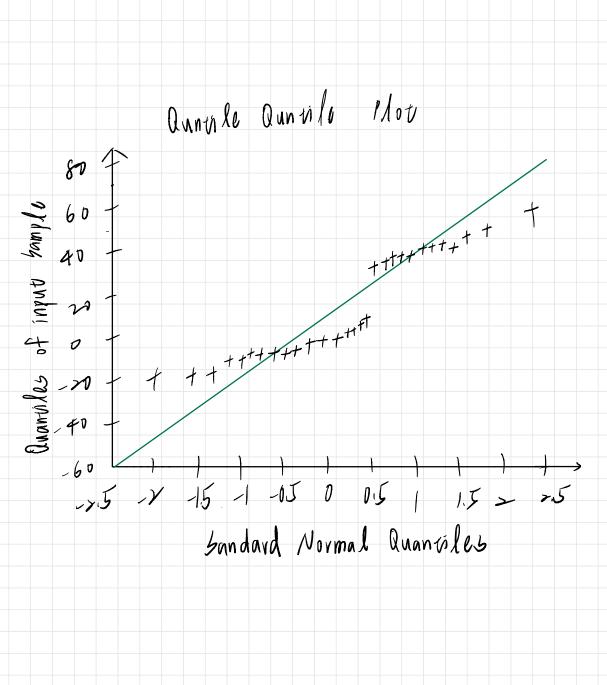
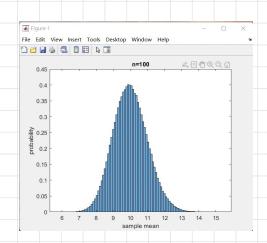


Figure 2
File Edit View Insert Tools Desktop Window Help

0.14
0.12
0.1
0.10
0.06
0.04
0.02

对 distribution 的最大值可用来预估M



N=100 司 最大的 probability 结板的 X= 9 N=100 司 則局 9.8112

可能估常的越大, 分越接近从, 预估越精维

