	Date
No.	(Hissil)
1.	Let $(x_1, x_2 - x_n)$ be sample of size in taken Mean $\rightarrow 0_1$ $\downarrow 0_1$ $\downarrow 0_2$ $\downarrow 0_1$ $\downarrow 0_2$ $\downarrow 0_1$ $\downarrow 0_2$ $\downarrow 0_2$ $\downarrow 0_3$ $\downarrow 0_4$
	take log lag $L(0, 0_2) = -n \log(2\pi 0_2) - 1 \sum_{i=1}^{n} (x_i - 0_i)^2$
	for 0 diff $\log (L(0_1,0_2))$ wrt 0_1 & set it to zero $\frac{2}{3}\log(L) = 1$ $\frac{2}{5}(2i-0i) = 0$
	01 = 1 \(\frac{\Sigma}{\Sigma} \chi_{\frac{1}{2}} \)
	MIE of Si is sample mean for O_2 diff west O_2 & put zero $O_2 = 1 \stackrel{\sim}{\Sigma} (\chi_1 - O_1)^2$ $\gamma = 1 \stackrel{\sim}{\Sigma} (\chi_1 - O_1)^2$

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2.	Rinomial distribution
))))	m \Rightarrow no of taids $0 = (0,1)$ probability of success $L_0 = \frac{\pi}{r} p(x_1, n, 0)$ $i = 1$
	$\Gamma(\theta) = \frac{1}{\mu} \left(\mu C^{(1)} \right) 0^{\frac{1}{\mu}} \left(1 - \theta \right)_{M - \chi_1}$
) ,	take log $\frac{\partial \log(L)}{\partial \theta} = \frac{\sum_{i=1}^{n} \chi_{i}}{0} - \frac{\sum_{i=1}^{m} (n - \chi_{i})}{1 - 0} = 0$ $\frac{1}{2} = \frac{\sum_{i=1}^{n} \chi_{i}}{1 - 0} = \frac{\sum_{i=1}^{m} (m - \chi_{i})}{1 - 0} = 0$
1 1 1 1	Multiply by $\Theta(1-\theta)$ $ \frac{1}{2}(1-\theta) \stackrel{\sim}{\Sigma} \chi_{i} = 0 \stackrel{\sim}{\Sigma} (m-\chi_{i}) $ $ \frac{1}{2}(1-\theta) \stackrel{\sim}{\Sigma} \chi_{i} = 0 \stackrel{\sim}{\Sigma} (m-\chi_{i}) $ $ \frac{1}{2}(1-\theta) \stackrel{\sim}{\Sigma} \chi_{i} = 0 \stackrel{\sim}{\Sigma} (m-\chi_{i}) $ $ \frac{1}{2}(1-\theta) \stackrel{\sim}{\Sigma} \chi_{i} = 0 \stackrel{\sim}{\Sigma} (m-\chi_{i}) $ $ \frac{1}{2}(1-\theta) \stackrel{\sim}{\Sigma} \chi_{i} = 0 \stackrel{\sim}{\Sigma} (m-\chi_{i}) $
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