la		df	55	MS	
	Between	<u> </u>	32.67	16.33	6.39
			15-33	2.50	oj (norozyny), ropusk egonogogog falmen koli meda meda meda kadi kadi molanulik nyamayn gari kali kolum
	total	occours province at the second se		falli uurkonten tun tuurut sanai sanai saturati ja kierikon palaytiis koo siigata esii sinna, tee kuunuu	ka anyumbhilingann ag kumaya pirilinaka minin minin karanin karanin karanin karanin karanin karanin karanin ka
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	and the second s	1至+至	- 7/3 - - 12/3 x2		0.51
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		display distributory. Without it distributory distributor) = 0.31		
ijan karisti siste karista sahit yakayan mayak yaka maya, mana kalay mina yaya mana saya mana sahaya maya kari	6.7				

C. Ho: Mo=M,=M2 H,: at least one mean differs Test shot = F26 P(F26>6.39) = 0.03<.05 => Reject Ho. 2a. df 85 MS F Within 17 2.38 .14 6.04 between 2 1.69 .845 Total 19 4.07 B= Zn(x,-x)2 X = 10.4.23+5.4.42+5.4.94 = 4.455. =) B= 1.69 Rest follows from table. b. Ho: M=M2=M3 Hi: not Ho. Cas(F2,17)=3.59< 6.04 > Reject Ho

$$\frac{2 \ln 1/104}{30} = -\frac{1}{20} + \frac{1}{20^2} \times x_1^2 = 0.$$

$$b \quad L(0) = \pi e^{-\lambda_1 \pi i}$$

leghto) = -nh + Exilogh + log(
$$\pi \pi i$$
)
 $\frac{2 \log 1(0)}{3(0)} = -n + \frac{2\pi i}{3} = 0$

Y= Exi Suff.

=) 1 Da fr of Y.

C. $h(0) = \frac{1}{6^n} \cdot \frac{1}{5^n} \{15x_1, ..., x_n \leq 0\}$ $= \frac{1}{6^n} \cdot \frac{1}{5^n} \{mn(x_1, ..., x_n) > 0\} = \frac{1}{5^n} \{mn(x_1, ..., x_n) > 0\} = \frac{1}{5^n} \{mn(x_1, ..., x_n) > 0\}$

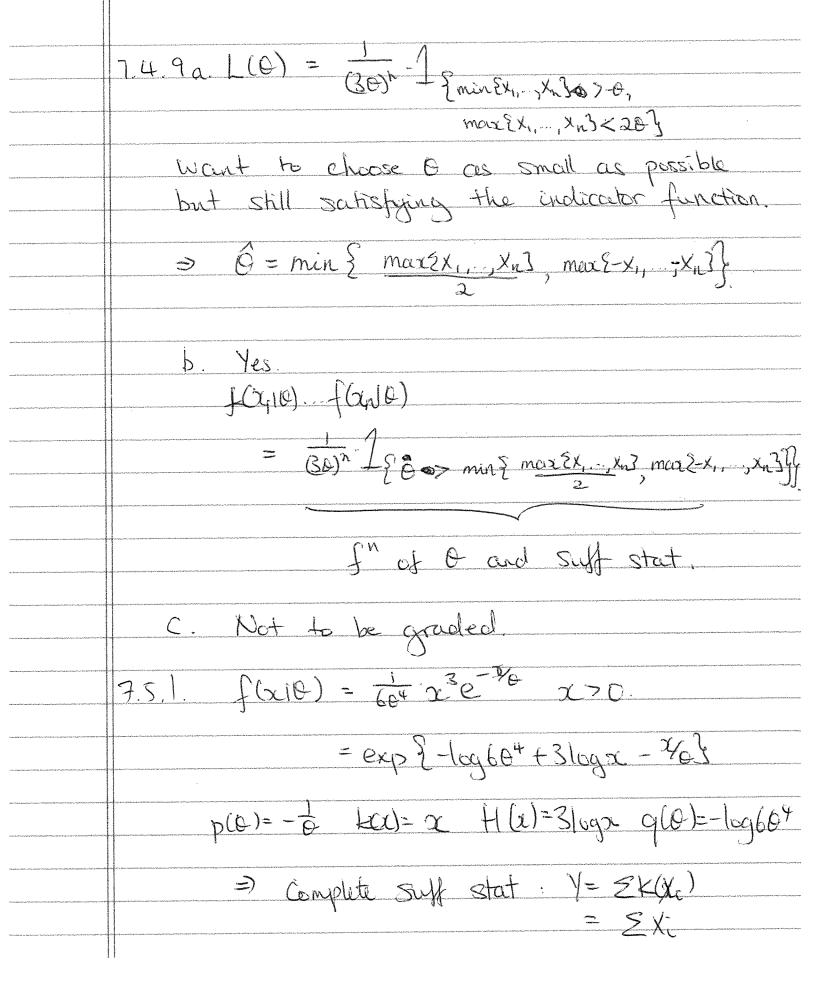
MIE is max(x,...,xn)
So is the suff stat.

d. LCO)= TI (1-0) CO

 $= (1-0)^{2\pi i} O^n$ $(ogh(0)) = \sum_{i} (og(1-0) + n \log 0)$

 $\frac{2 \log L(0)}{20} = -\frac{2i}{1-0} + \frac{n}{0} = 0.$

TXULOS



now
$$E(Y) = n \cdot E(X)$$
but this locks hard...?

$$E(Y) = -n \cdot \frac{q'(0)}{p'(0)}$$

$$= n \cdot \frac{1}{6p} \cdot \frac{1}{240^3}$$

$$= 4n \cdot 0$$

$$= 1 \quad \text{MVB estimator.}$$
and $\varphi(Y)$ is a complete sufficient start also,

a $\varphi(Y)$ is a complete sufficient start also,

$$\varphi(Y) = 0 \cdot 2^{6+1}$$

$$= \exp(\log 0 + (0+1)\log x)$$

$$p(0) = 0 - 1 \quad \text{K(x)} = \log x \quad \text{H(x)} = 0 \quad \text{q(0)} = \log 0.$$

$$Y = \sum_{i=1}^{6} \log(x_i) = \log(x_i) \cdot \frac{1}{2} \log(x_i) \cdot \frac{1}{2} \log(x_i) = \log(x_i) \cdot \frac{1}{2} \log(x_i) \cdot \frac{1}{2} \log(x_i) = \log(x_i) \cdot \frac{1}{2} \log(x_i) \cdot \frac{1$$

b.
$$L(e) = \sqrt{(0x_1, x_n)^{6-1}}$$
 $= e^{(0x_1, x_n)^{6-1}}$
 $= e^{(0x_1,$

$$\frac{3^{2}L}{3\theta^{2}} = \int \exp(\rho(\theta)k(x)) + H(x) + q(\theta)) \times \left[k(x)\rho'(\theta) + q'(\theta) \right]^{2}$$

$$+ \exp(\rho(\theta)k(x)) + H(x) + q(\theta)) \times \left[k(x)\rho'(\theta) + q''(\theta) \right] cbx$$

$$= \rho'(\theta)^{2} E(k(x)^{2}) + q'(\theta)^{2} + 2E(k(x)) \cdot \rho'(\theta) \cdot q'(\theta)$$

$$+ E(k(x))\rho''(\theta) + q'''(\theta) = 0$$

$$\Rightarrow E(K(x)^{2})p'(0)^{2} = -q'(0)^{2} + 2q'(0)^{2} + \frac{q'(0)}{p'(0)}p''(0) - q''(0)$$

$$= q'(0)^2 + \frac{q'(0)}{p'(0)}p''(0) - q''(0)$$

&
$$E(k(x))^2 = \frac{9(0)^2}{p(0)^2}$$

$$=) V_{CK}(X)) = -\frac{9(0)^{2}p'(0) + 2q'(0)^{2}p'(0)^{3} + q}{p'(0)}$$

$$= \frac{1}{p'(0)^3} \left[q'(0)^2 p'(0) + q'(0) p'(0) - q''(0) - q''(0)$$

$$= \frac{1}{p'(\theta)^3} \left[q'(\theta)p''(\theta) - q''(\theta)p'(\theta) \right]$$