4.	320 families with 5 children								
	Boys		5	4	3	2]	0	
	airls	C		1	2	3	4	5	
	Familie	S 14	1	56	110	88	40	12	
	Male	and	female	bieth	s equi	ally p	possible?		
৫	> \(\pi = 0	(5,4,3,a	,1,0)						
	> n=5								
	> N = 320								
	> P = 0.5								
	> obf = c(14,56,110,88,40,12)								
	> exf = dbinom (x,n,P) * 320								
	> sum(obf)								
	[1] 320								
	> sum (exf)								
	[۱]	320						1	
								,	
	> chisq = sum ((obf-exf)^2/exf)								
	> chisq								
	[1] 7·16								

> qchisq(0.95,5)	
[1] 11.0705	
Calculated X: less than tabulated value	
at 5% significance, null hypothesis accepted	

5	\ <u>\</u>	0 1		3	4	5	6			
	f .	275 72	30	7	5	2	1			
	,	213 100								
		^								
ans	> 2 = 0:6									
	> f = c (275, 72, 30, 7, 5, 2, 1)									
	(0)									
	> $lambda = (sum(f*x)/sum(f))$									
'	> expf = dpois (x, lambda) * sum (f)									
	>									
	> fi = lound (exp)									
	> sum(f)									
	[1] 392									
	> sum (fl)									
	[1] 393									
	> obf = c(275, 72, 30, 15)									
	> exf = c(242, 117, 28, 6)									
	> chisq = sum(((obf-exf)^2)/exf)									
	> chisq									
	[1] 35.45055									
	> qchisq(0.95,2)									
	[1] 5.991465									
							ſ.			
	Not a good fit									
			-							