2a the joint posterior T(2/1/7) x T(412, m) T(2, m) X TI (712, p) T(2/p) T(p) where T(412, M) = # TT TT (Yij 17:, M) = 11 Ti e 2 (7:17; m ~ Po (2:1)) $T_{1}(2|\mu) = \frac{4}{7}(\mu e^{-3i\mu}) \qquad (7i/\mu \sim 3x_{0}(\mu))$ $= \mu^{4} e^{-\mu \frac{7}{7}\pi i}$ co (x): $\pi(2,\mu,y) \propto \left[e^{-s\frac{4}{2}\pi_i} \frac{4}{(1-\pi_i)^{\frac{5}{2}}} \frac{5}{(1-\pi_i)^{\frac{5}{2}}} \frac{7}{(1-\pi_i)^{\frac{5}{2}}} \right] \left[\mu e^{-\mu \sum_{i=1}^{2} \pi_i} \right] \left[\mu e^{-\mu$

	0 2 k	denote 2000 be the vector 2 with removed the ith element
		to first the full conditional
		TI (77 2(3), M, y) & e - (M+5) 77 25 35
		x 7: (= y:) +1) -1 - (m+s) 7;
		∝ 7-, 3=1 e
		So, 7:12(1)/1, 7 ~ [(] - Jij +1, 145)
		4
		and Ti(µ12, 7) × µ3 e-1, = 7;
		x p + -1 e - p = m;
		α μ' e / 12/
		r/ (= = 2.)
		so, m12, y ~ 5(4, 2, 7;)
-		Algorithm: Step 0: initialize m (0)
		Step 1: Sample π_1 , from $\Gamma(\frac{5}{3}, \frac{7}{3}, \frac{1}{3}, \frac{1}{3},$
		Sample 72 from $\Gamma(\frac{\Sigma}{2}, \frac{J_2}{1}, \frac{t_1}{\mu}, \frac{\mu(n)}{t})$
		Sample 72 for 1 (5 42 t) Min)
_		cutt)
-		Sample 74 from 1 (= 41, 11, 11, 11) +5)
		Sample p (M+1) for F (4, 5 77)
-		Sample por from P(T) = 17
		Classia and a contillar
		Step 2: update n = n (nt1), and report step 1 hz
		VIII VIII VIII VIII VIII VIII VIII VII
	0	