P.S 7 Q3	
Riven 10'1. refueal rate for coomen 529	
20% refuel rate for mendo	
Sample employment rate, women = 0.86	
Sample employment roite, men = 0.92	
A) for women	
A) for women Pr (R=1 E) = fi(E) & fw(E) & Pr (R=1 E).f,(E)	
1. (P8=P8.0 = (7) (R=0 E).1	
0.9 x 0.86 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Dr perant = 9 77.40/0 < From (E) < 87.40/0	
Bounds on employment rate [77.400, 87.40]	
= [0.714, 0.874]	

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Combined Sample

Assumption where men and women are half of sample.

$$P_{r}(P=1|E) \cdot f_{z}(E) = \frac{1}{2} \left[0.9 \times 0.86 + 0.8 \times 0.92 \right]$$

$$= \frac{1}{2} \left[1.51 \right] = 0.755 |75.50|_{0}$$

$$P_{r}(R=0|E) \cdot 1 = \frac{1}{2}[0.1 + 0.2]$$

$$P_{r}(R_{T}=1/E) \cdot f_{c}(E) \leq f_{combined}(E) \leq P_{r}(R_{2}|E) \cdot f_{c}(E) + P_{r}(R_{2}o|E) \cdot 1$$

$$0.755 \leq f_{combined}(E) \leq 0.755 + 0.16$$