

$$\text{wage} = \beta_0 + \delta_1 \text{female} + \delta_2 \text{married} \cdot \text{female} \\ + \delta_3 \text{married} + \dots + u$$

single male: β_0

single female: $\beta_0 + \delta_1$

married male: $\beta_0 + \delta_3$

married female: $\beta_0 + \delta_1 + \delta_2 + \delta_3$

