

i.  $\pi_1 \# i. \pi_2$   $y = x + \beta_1 \pi_1 \times \pi_2 + \epsilon$ i.  $\pi_1 \# \# i. \pi_2$   $y = x + \beta_1 \pi_1 + \beta_2 \pi_2 + \beta_3 \pi_1 \times \pi_2$   $y = x + \beta_1 \pi_1 + \beta_2 \pi_2 + \beta_3 \pi_1 \times \pi_2$