

18-20

a)  $H_0: p = .27$  v.v. divorce rate =  $\frac{m}{n}$  aged ...  
 $H_a: p > .27$  v.v.  $\uparrow$  divorce rate

b) Type I: Reject  $H_0$ , but  $H_0$  was true  
evid. shows v.v.  $\uparrow$  higher rate, but they don't.

c) Type II: Fail to reject  $H_0$ , but it was false  
evid. doesn't show v.v.  $\uparrow$  div. rate, but they do.