$$3.1$$
 $A: M., \beta_2 = 0$ 
 $H.: \beta_2 > 0$ 

We reject Ho, Medals and GDPB is significantly, positive.

$$\frac{\alpha}{2.672} = 4.31$$
,  $\alpha = 11-5.632$ 

(C) 
$$t = \frac{(.629)}{c} = [0.75]$$
  $c = 0.0957$ 

$$d = \frac{11.51632-10}{2.092} = 0.5675$$

(5) 
$$\{ (-1) \in \beta_{2} = 1 \}$$
  $(-0.29-1) = 0.303$  ( $(-0.29-1) = 0.303$ ) ( $(-0.29-1) = 0.303$ ) (Made with Goodnotes)  $\{ (-1) \in \beta_{2} \neq 1 \}$ 

$$f = \frac{2.46 - 1.8}{0.16} = 4.12J$$